

ALUMNI FAMILY TIES ■ OUR PREMIER PRIMATOLOGIST ■ A MAK ATTACK

NEW TRAIL

THE UNIVERSITY OF ALBERTA ALUMNI MAGAZINE ■ SPRING/SUMMER 1997

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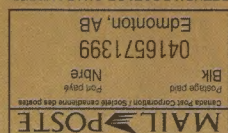
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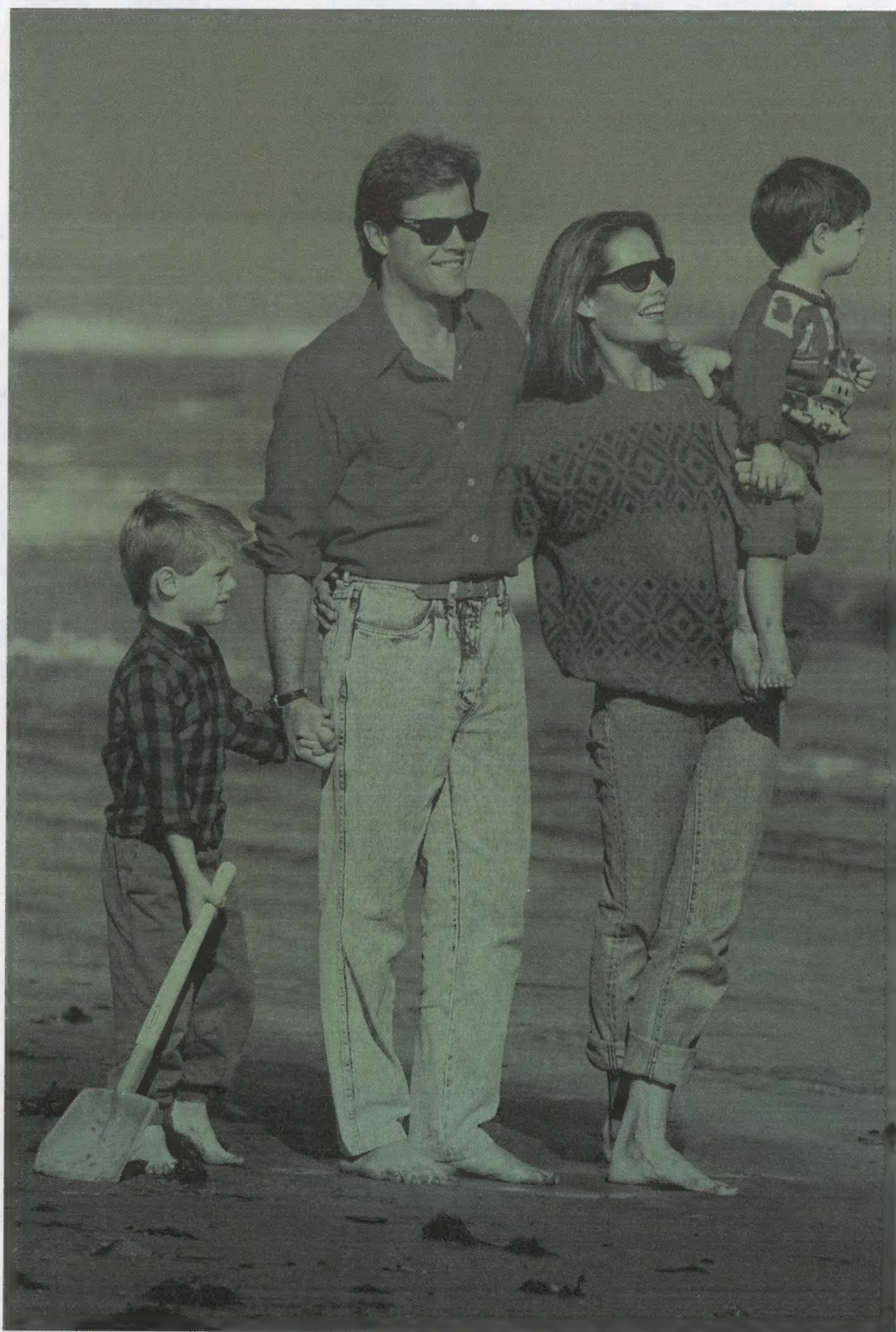
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NEW TRAIL

VOLUME 52 NUMBER 1

7 Breaking Ground

The University of Alberta Campaign was publicly launched on 2 April 1997. Over the next five years it will play a large role in shaping the future of our University.



30 The Watcher

Observing Canada's top primatologist isn't easy, because she's used to blending right into the background. Meet Kaplan award-winning U of A anthropology professor Linda Fedigan.



18 Family Ties

Forty-two families responded to our contest and request in the last issue for information about multi-generational alumni families. Here are a few of their stories.

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University
of
Alberta

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BASE CAMP



Back in Edmonton one of the longest winters of recent memory was showing no signs of departure even though it was almost March. In

Vancouver, where I was attending the annual CASE District Eight conference, organizers had ordered up some of the weather that the west coast types like to torment us prairie dwellers with. The sun shone with warmth. Buds were evident on the trees.

I should explain CASE. It's the acronym for the Washington, D.C.-based Council for Advancement and Support of Education, a professional group for those of us who work at colleges and universities in the area of alumni relations, public affairs, government relations, publications, fund development and so on. Geographically, District Eight is one of CASE's largest districts. It takes in the U.S. Pacific Northwest, including Alaska as well as all of Canada west of Ontario.

In the past two decades, I've been to a half-dozen District Eight conferences, but this year's was special – and not just because of the welcome respite from winter. At this year's conference the district's prestigious Distinguished Service Award went to Susan Peirce, with whom I have worked for 15 years.

I first met Susan when she came to the University as alumni affairs director in 1981. At that time the Alumni Office was just Susan and a secretary. From those modest beginnings, Susan has built the U of A's alumni relations program into one that can stand shoulder-to-shoulder with any in Canada. She has also worked hard in her profession. Her work for CASE includes a term as the Canadian representative on the board of CASE International, and she is a former president of the Canadian Council for Advancement of Education, a group similar to CASE but distinctly Canadian.

It is especially good to see Susan getting recognition from her peers because she is always content to lead from the background, deflecting credit to the others with whom she works – volunteers, professional colleagues, and her staff.

Congratulations, Susan. We're all proud of you. You deserve it.

Rick Pilger
Editor

...it makes *sense*.

Rhubarb Rx



Researching a natural remedy for high cholesterol levels

From the inventor of the instant baked potato comes ... **rhubarb jerky?** No, it's not a late-night infomercial featuring some newfangled food product. **Not yet.**

Two agricultural, food and nutritional science professors have completed a clinical study showing that daily doses of rhubarb fibre reduce harmful levels of cholesterol in the blood.

Ten people with high levels of cholesterol, who made no other changes in diet or exercise but took around two tablespoons of dried rhubarb powder daily for a month, saw significant reductions of 10 to 17 per cent in their cholesterol levels – proving rhubarb fibre more effective at lowering cholesterol than many types of bran.

Professors **Buncha Ooraikul**, '73 PhD (who patented a man-made baked potato with synthetic skin a decade ago) and Tapan Basu have developed an effective method of drying and crushing the rhubarb fibre. They've used it to create a powdered fibre supplement to which "you add water to make a pretty nice drink," says Ooraikul, who took part in the study himself and saw his own cholesterol level drop from an above-average six to a normal five. Since the rhubarb fibre has good texture but not much taste, the researchers are experimenting with it as an ingredient in candy, dairy products, and synthetic meat products – such as a simulated "beef jerky."

The researchers believe that rhubarb fibre is particularly effective at lowering cholesterol because its very high absorption capability – it can hold 20 times its weight in water – allows it to bind easily with bile acid, a product of cholesterol metabolism. Binding to the rhubarb fibre prevents the cholesterol from being reabsorbed in the intestines, and the fibre's regulating effect on the bowels helps the body eliminate the cholesterol.

Rhubarb is used as a laxative and purgative in Chinese medicine and has been known as a natural remedy for centuries. "Its pharmaceutical value is known on an anecdotal basis but it hasn't been scientifically studied before," says Ooraikul.

Don't expect a rush on rhubarb at the grocery store – to derive the same health benefits achieved with a few spoonfuls of the dried fibre you'd have to eat half a kilogram of rhubarb. The high acid content of the fresh vegetable would probably leave you with an upset stomach – and a puckered mouth. 🍷

Movie Night in Alberta

You won't get a simple "thumbs-up" or "thumbs-down" from Bill Beard.

But every Saturday night, Albertans can get Beard's critical, educational commentary on films screened as part of the *Movies Worth Watching* television series he hosts on Access, the Education Station.

"We look at it as a way of giving people some idea of how movies are looked at and talked about in a film studies program," says Beard, who has been a film studies professor at the U of A since 1990. For about 15 minutes before and following each movie, Beard gives a critical discussion that might touch upon themes, genres, and cultural milieu as they relate to each film. During the broadcast, viewers see a toll-free number they can use to request more information on the film studies program. Since September, more than 100 people have done so.

According to the most recent ratings available from Access, the series has been a success, ranking as the station's highest rated program during its first four weeks on the air last autumn.

Many of the movies in the 26-program series are relatively recent, and most of them were popular in their day – from *The Maltese Falcon* to *Deliverance* to *Robocop*. "About half of them are chosen because they're good, and half of them because they're flawed in interesting ways," says Beard, who believes that even a bad movie can be worth watching for what it tells us about the preoccupations and concerns of the culture that spawned it. "That's what I'm interested in commenting on, and you see very little of that on television."

The program airs twice every Saturday night, once at 9 p.m. and again at midnight. "I'm amazed how many people approach me to say they've seen it," says Beard. "If I'm watching television on a Saturday night, it's usually the hockey game." 🍷



Sima Khorrami

Say it with SHRUBS

Although flowers are one traditional means of acknowledging a birth, anniversary, wedding, graduation, or death, the U of A's Devonian Botanic Garden offers another way of commemorating special events or honoring loved ones. Trees, shrubs and benches throughout the Garden are available for dedication and can be marked with a plaque carrying your personal inscription. The Garden – which is located approximately 30 minutes west of Edmonton near Devon, Alberta – incorporates more than 100 acres of floral gardens, natural landscapes, native vegetation and quiet ponds. All Commemorative Gifts are perpetually maintained by the staff and members of the Devonian Botanic Garden and carry a five-year guarantee policy covering damage. Donations to the Commemorative Gift Program support continued growth and development at the Devonian Botanic Garden. They can be made by contacting Rosanne Tollenar at (403) 987-3054. 🍷

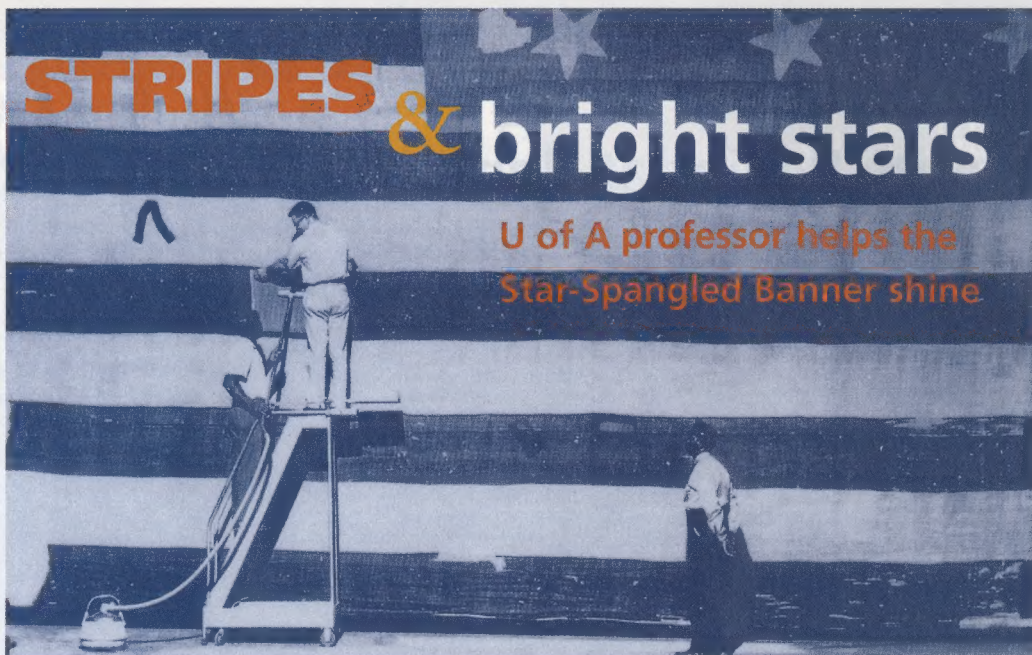
BROAD STRIPES & bright stars

Human ecology professor Nancy Kerr was recently part of a 50-expert team brought together to offer solutions for a unique textile conservation problem: how to preserve a dyed-in-the-wool American heirloom, the original flag that inspired the American national anthem, "The Star-Spangled Banner."

At the invitation of the Smithsonian Institution, Kerr recently traveled to the National Museum of American History in Washington, D.C. as one of a group of flag historians, scientists, conservators, and curators consulting on the preservation of the nearly 200-year-old flag. The University of Alberta has Canada's only academic textile conservation program, and Kerr is a well-known textile conservation scientist. "I was delighted to be called, particularly as I'm not American," she says. "This is one of the most interesting problems I've worked on."

Kerr feels that she was able to provide a bridge by helping interpret the scientific results — fibre analysis and other tests done on the flag — for the conservators, who do the hands-on preservation work. "Often the scientists and conservators don't understand each other, don't speak the same language," Kerr says.

The large (approximately 9 by 12 metres) banner has a romantic history. It was commissioned during the War of 1812 by the commander of Fort M'Henry, who wanted the huge banner to mark his stronghold on the Baltimore harbor. To craft the wool banner, he engaged a Baltimore widow and her daughter who assembled the flag's



Workers in the 1950s vacuum the massive banner to remove dust. A major conservation effort will soon be underway.

15 stripes and 15 stars partly by candlelight on a brewery floor. When it first flew one morning in 1814 after a night of heated battle, it was spotted by Francis Scott Key, the Baltimore lawyer who penned the inspirational verses that became the American anthem.

Although pieces of the flag have been cut out over the years and one of its stars is missing, it's in no immediate danger — Kerr says wool objects can last thousands of years in proper conditions. She and her colleagues recommended a number of potential strategies to the Smithsonian to preserve the flag's sacred strands.

"There's a real awe about it," says Kerr. "Visitors stand in front of that flag and tears stream down their face." 🐾

Courtesy of Nancy Kerr



Lotus Studio

NATIONAL CHAMPS!

VOLLEYBALL TEAMS WIN NATIONAL TITLES

The Golden Bears and Pandas volleyball teams both finished outstanding 1996-97 seasons by capturing national titles in March. The Bears, who recorded their first undefeated regular season, defeated Dalhousie U in three straight games. Bears coach Terry Danyluk was named CIAU Coach of the Year. The Pandas earned their third straight national championship under coach Laurie Eisler, winning three of five games against UBC. The women's final, held on campus, attracted more than 2,500 people — setting a national attendance record for women's volleyball. Adding drama to the event, Eisler gave birth to her first child on the morning the tournament began but was back behind the bench for the Pandas' semi-final and final games. 🐾



BEAR COUNTRY

Charity Begins at Home



Faculty and staff propel the Internal Campaign beyond its goals

More than one in three faculty and staff members have given to the U of A's internal fundraising campaign, raising more than \$2 million toward the University of Alberta Campaign. The goals for the Internal Campaign were to raise \$1.8 million with the participation of 35 per cent of faculty and staff. Prior to the public launch of the Campaign on 2 April 1997, 36 per cent of faculty and staff had participated – one of the highest participation rates at any major Canadian university that has carried out a fundraising campaign. Terry Flannigan, executive director of external affairs, says, "The success of the internal campaign sets the standard of involvement we need to launch and complete the largest campaign in the history of the University of Alberta." ■

DONOR SNAPSHOTS: Like all donors to the U of A, faculty and staff can specify projects to which they want to designate their gifts to the University. Here are three of the 1,495 donors who helped make the Internal Campaign a success, along with the projects that they support.



WHO: Mark McQuitty, bartender at RATT
WHAT: Adopt-An-Athlete program
WHY: He's a sports fan who donates part of his tips to U of A Athletics in the name of Bears and Pandas athletes to help subsidize team travel and expenses. "Whatever goes around comes around."

WHO: Cheryl Luchkow, Faculty of Arts administrative officer
WHAT: Alison White Prize in Children's Literature
WHY: Luchkow won the Alison White Prize a few years ago after enrolling at the U of A as a mature student. "The U of A gave me an education and I wanted to give something back."



WHO: Layne Bjarnason, Campus Security patrol sergeant
WHAT: Campus Security's Women's self-defense program
WHY: Bjarnason wants to help women on campus and in the community develop confidence and awareness and learn to avoid risk situations. "It's an important service ... We've given the program to more than 400 women since 1994."



LANDMARKS

■ Professor emeritus of history **Olive Dickason**, '95 LLD (Honorary), recently received a National Aboriginal Achievement Award for lifetime achievement from the Canadian Native Arts Foundation.

■ The U of A community recently noted with sorrow the passing of **Francis George Winspear**, '51 LLD Honorary, a successful businessman and distinguished patron of the arts and of higher education and a generous supporter of the University of Alberta.

■ The U of A and the U of Calgary received a \$1.3 million award from the Whitaker Foundation for a joint biomedical engineering program. Joint MSc and PhD degrees in biomedical engineering will be offered by both universities in 2001.

■ **Charles Stelck**, '37 BSc, '41 MSc, a professor emeritus of geology who is among the country's foremost paleontologists, was recently named an officer of the Order of Canada.

■ U of A professors Regula Qureshi (Music), Jacob Masliyah (Chemical Engineering), Dennis Vance (Biochemistry), and Nicole Tomczak-Jaegermann (Mathematics) were recently elected as fellows of the Royal Society of Canada.

■ Mathematics professor **Andy Liu**, '72 MSc, '76 PhD, received the 1996 David Hilbert International Award from the World Federation of National Mathematics Competitions for his work in encouraging mathematical challenges and learning.

■ **Mark Hearn**, '96 MSc, and **Paul Blanchon**, '95 PhD, were recently recognized by the Canadian Society of Petroleum Geologists for outstanding graduate theses in the area of sedimentary geology for work completed towards their U of A degrees.

■ Eric Newell, chair, president and CEO of Syncrude Canada, received the Canadian Business Leader Award from the Faculty of Business this past March.

■ Roger Smith, a professor of economics with a joint appointment in the Faculties of Business in Arts, is the new acting vice-president (research and external affairs).

■ Rehabilitation medicine professor Shrawan Kumar was recently awarded the Sir Frederic Barlett Medal by the Ergonomics Society of the U.K. He received the award in April in Leicestershire, England.

■ Arthur Bailey of the Department of Agriculture, Food, and Nutritional Science received the W.R. Chapline Research Award at the Society for Range Management's 50th anniversary meeting in Rapid City, South Dakota this past February.

■ The U of A Library won the Gold Award for Excellence for workflow application of information technology given by GIGA Information Group and the Workflow and Reengineering Industry Association this past March.



Brian Sykes



Nathaniel Rutter

■ Biochemistry professor **Brian Sykes**, '65 BSc, and earth and atmospheric sciences professor **Nathaniel Rutter**, '66 PhD, were recently named University Professors, one of the highest awards on campus. University Professors must distinguish themselves in research, teaching and service to the University and the community. Just eight U of A faculty members have received the distinction since 1990.

■ Modern languages and comparative studies professor Catherine Den Tandt has been awarded a Rockefeller Foundation Fellowship in the Humanities to conduct research at the U of Puerto Rico into issues of cultural and national identity in the Caribbean.



BREAKING GROUND

SHAPING OUR FUTURE

UNIVERSITY
OF ALBERTA
CAMPAIGN

Not since its inception has the University of Alberta had such a dramatic opportunity to shape its future. The University has launched the most ambitious fundraising campaign in its history. Its goal: to raise more than \$144 million over a five-year period to support students, recruit outstanding faculty members, and provide facilities in which students and teachers can flourish.

The **University of Alberta Campaign** will play an important role in charting the course of the University for the next quarter century. "Our vision is to be indisputably recognized as one of the top three universities in the country, and this campaign will help us get there," Board of Governors chairman John Ferguson told a crowd of almost 700 people gathered at the downtown Citadel Theatre for the campaign's official launch on 2 April 1997.

By the time of the launch, more than 40 per cent of the campaign's goal had already been

realized with gifts totalling more than \$70 million in hand or pledged. Included is a \$4 million bequest to the Business Faculty from the late **Francis Winspear**, '51 LLD (Honorary), who during his lifetime was the University's greatest individual benefactor.

Winspear's generosity is serving as an inspiration for the campaign. "If he were here," said Harriet Winspear, who spoke at the launch following a moving tribute to her husband, "I believe, Francis would look you in the eye and challenge you to do your part..."



Supporting Students

Students' Own Contributions Serve as a Challenge to Others

Spring is in the air at the Law Centre. Notices about end-of-the year festivities confetti the walls. Students from the social club Vin Ordinaire sell commemorative vintages outside the Weir Library. On this April day, the Faculty of Law is hosting a luncheon for its graduating students who, in the coming weeks and months, will be venturing out into the legal profession.

Prospects seem bright for the law class of '97, in part because there's been a placement officer in the Faculty over the past year to help students find jobs. By this time next year, the law students will have themselves to thank for that advantage: they have voluntarily pledged to support the placement officer position indefinitely by each paying \$100 per academic year.

"We tend to be a close-knit group and have the same goals," says associate dean Lewis Klar of the 500-student faculty. Professors and students believed that a placement officer would help give U of A students an edge in pursuing their careers, and one-time funding from the University created the position in 1996-97. The support shown by an overwhelming majority of students in a recent referendum ensures that it will continue. Coming on the heels of the highly successful Law Campaign 75 that raised more than \$3 million towards the University of Alberta Campaign, the law students' pledge of \$250,000 over the next five years shows, as Klar says, that "everybody in the Faculty wants to pull together and go in the right direction."

A new direction, in this case – law placement officers are not common at Canadian universities. "We're certainly becoming proactive in this regard," says Klar. The law school previously facili-

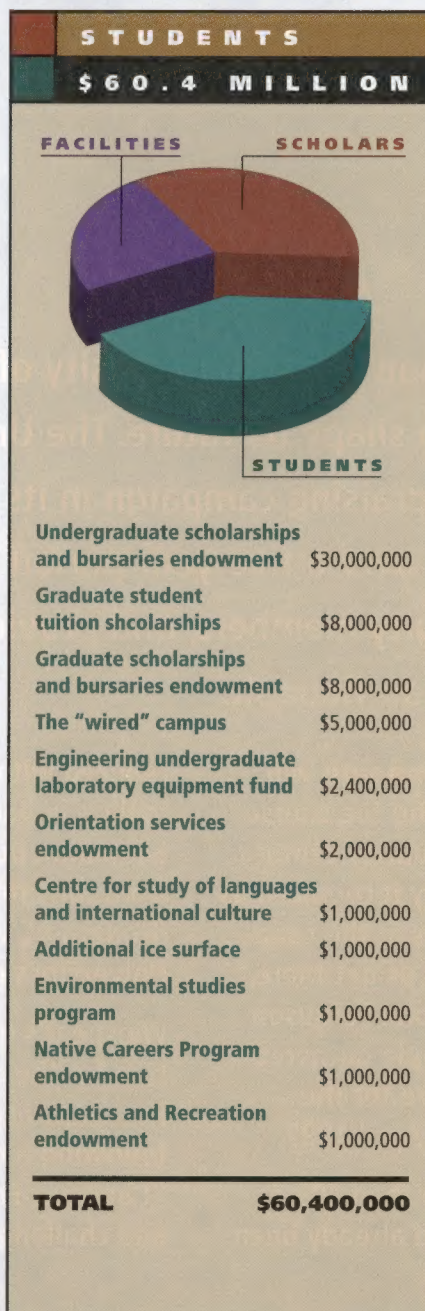
tated a "match" that brought graduating students together with local firms looking for articling students, but in recent tough economic years the match has lost effectiveness. He says that although the placement rate for U of A law students is still "something upwards of 90 per cent," searching on their own for articles – a compulsory part of legal education – was taking its toll on students.

"Looking for articles is probably the most stressful part of law school for many students. It makes them competitive ... it can even affect their marks." With some of that stress alleviated with the help of a placement officer, the learning environment improves. "The students have offered to give more money to improve the services the University provides," says Klar. "And I applaud that."

The cost of a U of A education has nearly doubled over the past six years. Typical tuition fees at the U of A are about \$3,000 a year – rising to as much as \$3,500 or \$4,000 for law and medicine – and books can easily add a thousand dollars to that total. Add extra fees, living costs, transportation to campus, and an occasional burger or pizza, and the financial burden on students makes their gifts towards the University of Alberta Campaign just that more remarkable.

"Here are people with fairly humble resources," says Rutherford teaching award-winning engineering professor Gary Faulkner. "If they can do that we can do something as well."

In Faulkner's faculty students are also stretching their dollars to support the University. As a result of a vote in 1995, each of approximately 2,500 engineering students now pays \$50 a year towards an equipment fund. The result is a \$625,000 commitment over the next five years towards the Campaign – and towards their own education.



BREAKING GROUND

Don Hammond



"A lot of our knowledge is gained in the labs, through experience," says **Prudence Hoffman**, '96 BSc(Eng), who was the vice-president (academic) of the Engineering Students' Society during the 1995-96 academic year. "So the students get to see their money at work." Additional support from private industry has created an endowment fund which will provide a long-term solution to equipment needs.

"Things change so quickly in engineering, and to keep up-to-date requires so much money," says Hoffman. For instance, she took communications courses as part of her electrical engineering training but didn't have the advantage of a communications lab in which to explore filters, radio signals, and other related equipment.

The recent grad points out that at other engineering schools, equipment funds are administered by committees of students and faculty. U of A engineering professors preferred to leave decisions about the student-created fund in students' hands. Although faculty members, departments,

and student groups can propose where the money might be spent, students have the final say. An early purchase from the fund was a lock for a computer lab to ensure that only the intended users, chemical engineering students, were accessing it.

"I think students are pleased with the education they get at the U of A but see

U of A Pharmacy students consistently score the highest of any university in Canada on national pharmacy examinations and in competitions.

room for improvement," says Hoffman, who quickly found work after graduation with Calgary-based Kenonic Controls. "Having been out in the workforce, I'm proud of where I got my degree."

Outgoing Students' Union president Garrett Poston hopes that students' financial contributions to the University will set the example for others to give more, not less. In a campus-wide vote in 1995 students approved a \$25 annual fee which will be directed toward an Access Fund providing need-based student bursaries.

"It's possible that this kind of thing sends a message to government and almost lets them off the hook. Student funds can complement government funding ... but it can't be the case that students step in wherever there is a government shortage," says Poston.

The University-wide Access Fund fee will bring in \$3 million over the five-year duration of the Campaign and will allow more students access to a university education. "I think it's a very responsible thing the students have done," says Poston. "It sends a positive message to the community about students and their values."

Enhancing the

LEARNING ENVIRONMENT

Building the University's endowment for scholarships and bursaries is a major goal of the University of Alberta Campaign. Providing the best learning environment is an important adjunct to this. A newly created Centre for Languages and International Cultures will prepare students for what is an essential experience in our international age ... A 'wired campus' will transform the way learning happens, providing students with technology-enhanced classrooms and electronic access to a wide variety of resources ... An athletics and recreation endowment will provide support for

student athletes ... An additional ice surface added to the Van Vliet complex will increase student access for both instructional and recreational activities ... A Native Careers Program will help the University recruit native students into professional programs ... An environmental studies program will develop curriculum materials for educational programs in sustainable development ... A Centre for Orientation, Retention and Enhancement will provide students with a range of orientation services, first-year experience courses, resources and small-group experiences.



Inspiring Scholars

Endowing Chairs and Professorships Ensures the Future

"On a day in June 1908, the president of a university not yet in being, in a province which I had never heard of, in a country which I had never visited, came to Harvard and offered me the professorship of English."

With these words, Edmund Kemper Broadus, one of the most respected teachers in the history of the University of Alberta, described his recruitment by founding University president Henry Marshall Tory. Despite the inauspicious circumstances, Broadus accepted Tory's offer. He was but one of the many truly outstanding scholars recruited by Tory in the University's early, formative years.

Now on the verge of its tenth decade, the University once again finds itself with the challenge of attracting outstanding faculty members to shape its future. And it is determined to repeat Tory's success.

When the University of Alberta Campaign was officially launched on 2 April 1997, a key strategy for recruiting outstanding scholars was revealed: it was announced that by the Campaign's end the University hopes to have support for the creation of 10 new endowed chairs and four new professorships. Each of the chairs will represent an endowment of \$3 million. Three of the professorships have \$1 million price tags; the fourth requires funding of \$500,000.

Like many traditions of the modern

university, endowed chairs have their origins in medieval times. At the earliest *universitates*, or guilds, teaching was done by regent masters who relied on student fees to support themselves. The first chairs were created to free the masters from the vagaries of this dependence. Paris and Bologna were among the first locales to embrace this development – in Bologna alone there were 23 masters of law receiving public support by the end of the 14th century. In more recent times chairs have become a vehicle through which universities attract and recognize eminent scholars in specialized fields of knowledge. Chairs are also a means through which alumni and friends celebrate and memorialize men and women of great accomplishment.

Endowed chairs or professorships are financed from year to year by interest drawn from a banked sum of money, usually money donated for that specific purpose. To create a new endowed chair at the University of Alberta currently requires a \$3 million endowment – enough to generate sufficient annual funding to attract a leading scholar and provide some funding to support his or her academic pursuits. Professorships require a more modest endowment, as they are typically created to supplement the conditions and prestige of an existing faculty position.

The need for new chairs and professorships at the University is pressing. With the flood of faculty members hired to teach the baby boomers rapidly reaching retirement age, the University is faced with replacing fully one-third of its professoriate in a five-year span. And the competition for the best and brightest scholars will be fierce as universities across North America face the same economic realities.

In this context, the creation of en-



BREAKING GROUND

The importance of ENDOWMENTS

The University's ability to attract and retain outstanding scholars, as well as to offer scholarships and bursaries to attract and support students, depends to a large part on the creation of substantial endowments – money that can be invested to generate income on a continuing basis.

At present, the University of Alberta ranks significantly behind other major Canadian universities in the size of its total endowment. Statistics compiled by the Canadian Association of University Business Officers show the U of A's endowment assets as being \$221.4 million as at 31 December 1994.

That is just over half of the endowment of the University of Toronto, which led all Canadian universities with \$428.5 in assets at the end of 1994. Also ranking ahead of the U of A at that time were McGill University with endowment assets of \$386.3 million, and the University of British Columbia with an endowment of \$293.5 million.

dowed chairs is regarded as being of critical importance – and it is an area in which the University of Alberta has to play catch-up. "Chairs are really the lifeblood of any great department," observes U of A chemistry professor Jed Harrison, who last year received the 1996 F.W.R. Steacie Memorial Fellowship, Canada's top natural sciences and engineering prize. "We have one of the top Faculties of Science in Canada, but relatively few endowed chairs," says Harrison.

The establishment of several new chairs would provide the anchors upon which the University could strengthen its outstanding research areas and remain in the top ranks of Canada's universities, suggests the Steacie Fellowship winner.

Rod Fraser agrees. "Our competitors are offering salaries and support packages we must match or exceed if we are to remain competitive," says the U of A president. "Chairs and professorships will enable us to shop the world for the best and brightest in select disciplinary areas," says Fraser.

Heading the list of chairs that the University hopes to endow are four chairs named for outstanding individuals from the University community — three of them emeritus professors, one a longtime

friend and former chancellor.

Determined not to relinquish its North American leadership in carbohydrate chemistry, the University plans to establish the R.U. Lemieux Chair in Carbohydrate Chemistry. Named for U of A alumnus **Raymond Lemieux**, '37 BSc, '91 LLD (Honorary), this chair is designed to cement the U of A's strong international position in an increasingly important field and recognize in perpetuity the single most influential carbohydrate chemist in Canada for the last 50 years.

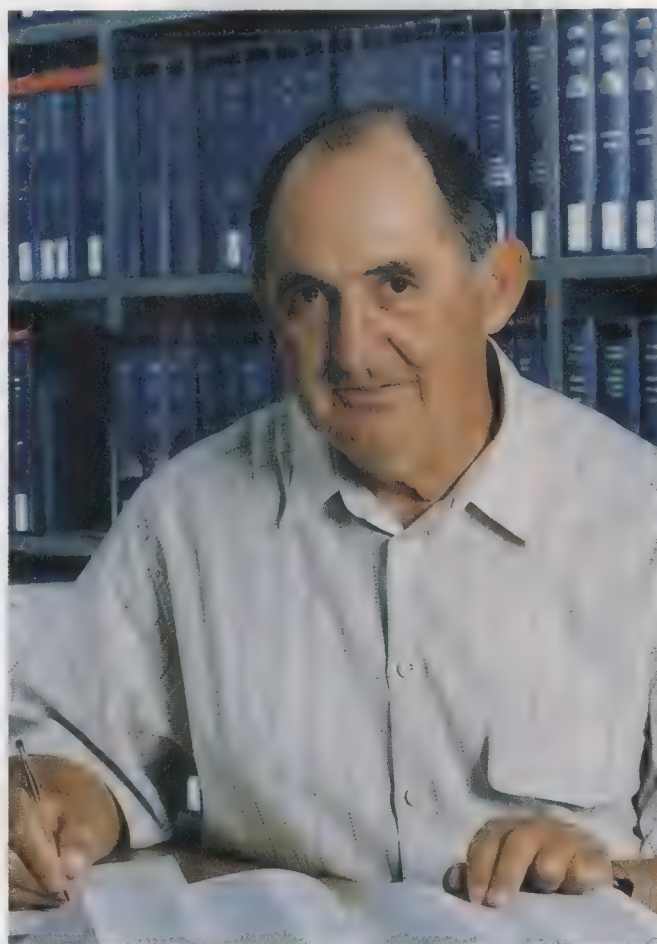
Other chairs will honor **Charles Stelck**, '37 BSc, '41 MSc, a Department of Geology pioneer who played a key role in the early hydrocarbon exploration of Alberta; Roger Morton, whose interest in economic geology

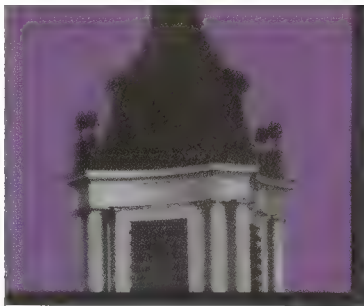
Renowned chemist Raymond Lemieux, a pioneer in the field of carbohydrate chemistry, will be the namesake for a new endowed chair that will cement the U of A's outstanding research reputation in that field.

has led him into adventures around the world; and former chancellor **Louis Desrochers**, '52 LLB, '78 LLD (Honorary), who has been a stalwart supporter of Faculté Saint-Jean.

In addition to solidifying the University of Alberta's areas of strength – fields such as protein engineering, cytokine research and petroleum geology – the proposed chairs have been strategically selected to further advancements in emerging interdisciplinary areas such as functional foods and nutraceuticals, entrepreneurship, medical genetics, bioethics, and literacy in the 21st century.

The stakes are high, says President Fraser. "The scholars we hire now will determine our future greatness and build on the impressive legacy of those who have built our University and shaped our reputation ... We must be able to offer support that will permit the very best scholars to advance knowledge discovery in their fields. Our ability to do that depends on endowments." 🎓





Building for the Future

Urgently Needed Facilities Include a Nursery for Spinoffs

It's a scene that repeats itself all too often: amidst a confusion of steel, space-age plastics, and crumbled glass, a person lies bleeding. At the heart of the disorder, emergency workers toil with controlled intensity, the atmosphere throbbing with the pulsating lights of their vehicles.

What's different at this motor vehicle accident scene near Sherwood Park, Alberta is that, besides the usual tools of their trade, the paramedics use hand-held computers and digital cameras to help them with their work and record in minute detail the circumstances of the mishap.

Since the middle of April 1997, Strathcona County, which borders the City of Edmonton and encompasses the community of Sherwood Park, has been testing emergency medical services software developed by a fledgling Alberta company, RDM (Regional Data Management) Inc.

In both Canada and the U.S., injuries are the leading cause of death for individuals under the age of 44, and RDM hopes to eventually market an entire suite of products to electronically collect injury data beginning at the injury scene and following through the entire treatment regime. The underlying goal is to help communities improve their response and create effective injury prevention strategies.

One of the people rooting hardest for RDM's success is **Jim Murray**, '57 BSc, head of the Industry Liaison Office at the University of Alberta. RDM was developed out of work done by former emergency room physician **Louis Francescutti**, '85 PhD, '87 MD, now an assistant professor of public health sciences at the University, and graduate stu-

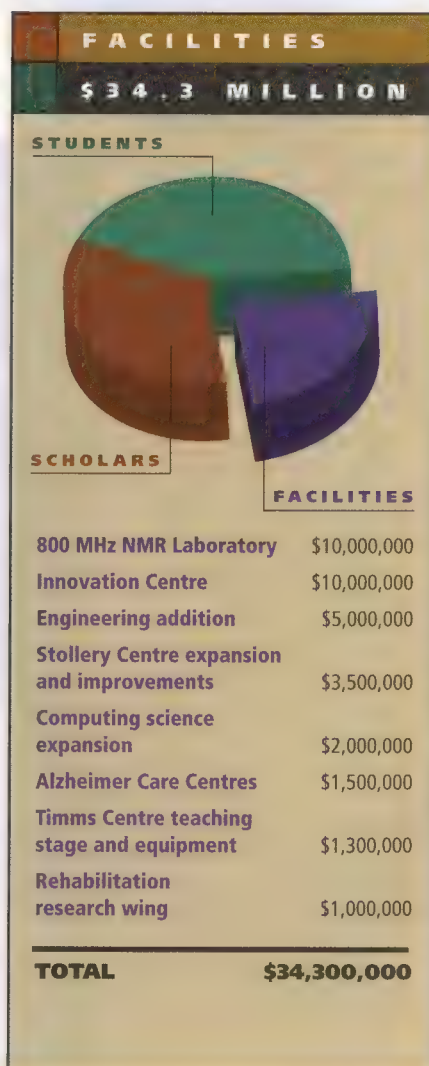
dent **Trevor Strome**, '95 BSc. Murray's office played an active role in transforming their idea for software into a marketable product around which a company could be built.

In this respect RDM is not unique: it is the latest in a long line of spinoff companies based on ideas that originated in research done at the University of Alberta. There are now 53 active U of A spinoff companies contributing to the Alberta economy. Collectively, they are responsible for creating 880 direct and 1,680 indirect jobs. In the mix are 23 biotechnology companies jointly responsible for creating 365 new jobs – one for every day of the year.

Boosted by the energetic leadership provided by Murray since he returned to his alma mater three years ago, the U of A has a successful track record in spawning new companies. But it could do much better, says the ILO head. The problem, he says, is finding space to incubate new companies before sending them out into the "real world."

The eventual answer to the space problem may not be far away – in geographic terms, at least. Across 112 Street from Murray's office in Campus Tower, in space that is now a parking lot, the University hopes to construct a new building with three basic purposes. At its core, it would be a new home for the Faculty of Pharmacy and Pharmaceutical Sciences. The Faculty, the only one of its kind in Alberta, was recently ranked in the top 10 per cent of pharmacy schools in North America, but it is severely limited by its outmoded space in the Dentistry/Pharmacy Centre (the University's original Medical Building).

Sharing space with Pharmacy in the new building would be a facility housing Canada's first 800 MHz nuclear magnetic



BREAKING GROUND

resonance (NMR) spectrometer. And the building's third component – the solution to Murray's plight – would be an "Innovation Centre" where nascent high-tech companies could be nurtured.

The new Health Sciences Education, Research and Innovation Centre (as the proposed building is being called) has been identified as the University's number one building priority. The \$40-million funding for construction of the 96,000 square metres of space that the Faculty of Pharmacy and Pharmaceutical Sciences would occupy in the new centre is being sought from government sources. The University hopes to obtain outside support for the NMR and Innovation Centre wings, both of which have been identified as priorities in the University of Alberta Campaign officially launched on 2 April 1997.

Plans call for the \$10-million Innovation Centre to be approximately 8,000 square metres in size and provide a complete package of services designed to help new business developers plan and shape a viable enterprise.

Murray sees the Innovation Centre as both "an urgent need" and a sound investment. Each year, researchers come to his office with about 80 inventions. These diverse "inventions" – he uses the term in its broadest sense – include pharmaceuticals, computer software, chemicals and catalysts, biomedical devices, and plant cultivars. At ILO the inventions are rigorously evaluated, and roughly half are returned to the researchers with suggestions for further work. Of the remaining 40 or so, about half are licensed to existing companies for commercialization.

That leaves about 20 innovations in ILO's hands. Murray's office works with these, helping to carry them further down

the road, scaling-up production, smoothing rough edges, making software more user-friendly. "Our goal is to identify our platform technologies, those with multiple uses – those that could be used in a number of different ways to catalyze and form new companies."

Given the entrepreneurial spirit he has found on campus and the quality of the inventions he sees, Murray believes that the University could be spinning-off 10 or more new companies each year – particularly now that a new, wholly-owned University company is in place to assist with management issues.

The remaining bottleneck is the shortage of incubation space. "The new companies need to be close to the University in the initial years," says Murray. "They need access to the broad range of expertise at the University, to equipment in the various research labs, and access to the Faculty of Business."

For that reason, says Murray, the proposed Innovation Centre is "absolutely essential." And, he stresses, there would be a very real payback: "new knowledge-based companies contributing to the provincial economy, sponsoring research and hiring University of Alberta graduates." ➤

National facility for

NMR SPECTROSCOPY

In 1974 the University of Alberta installed the highest field nuclear magnetic resonance spectrometer then available in Canada – a 270 MHz instrument. Since then U of A researchers have done pioneering work in determining the chemical structure of organic molecules and have developed an international reputation for outstanding research in protein structure and function and protein engineering.

In recent years, very high-field 750-800 MHz NMR spectrometers have become available, but they are extremely expensive and too large for installation in a normal laboratory. None of these high-field instruments have yet been installed in Canada – although many other countries have several (Switzerland has six). A group led by U of A researchers has now acquired grant funding for Canada's first 800 MHz NMR spectrometer. Plans call for this instrument to form the heart of a national biomedical research facility to be built as part of a new U of A Health Sciences Education, Research and Innovation Centre.

Alberta Microelectronic Centre



Dust is the enemy in the advanced photolithography laboratory of the University-affiliated Alberta Microelectronic Centre. Many emerging University spinoff companies have similar high-tech laboratory needs.

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University
of
Alberta



THESE WOMEN AREN'T PLAYING BRIDGE ... THEY'RE BUILDING ONE



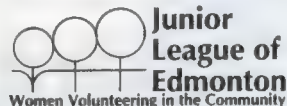
A corporate professional, a mother, a student. Active women, leading very different lives, who have come together because they share a common goal:

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SUMMER YOUTH UNIVERSITY

'97

5-day sessions • July 1997

Your memories...their future

A perfect opportunity for junior and senior high students to sample life as a U of A student, explore campus, think about a career, and meet others from Alberta and elsewhere. Students arrange their own schedule from classes in 40 departments, featuring lots of hands-on activities, lively discussions, and visits to labs and campus facilities. Evening activities are included and accommodation in Lister Hall is available.

Send your kids back to where it all began for you.

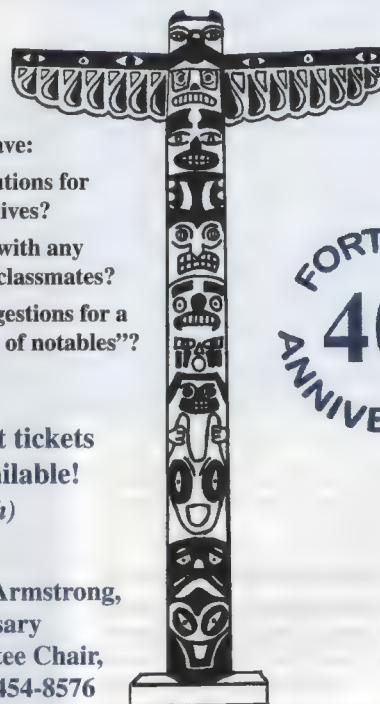
(403) 492-5597 • Fax (403) 492-1857
maryanne.budnitsky@ualberta.ca
<http://www.extension.ualberta/syu>

Faculty of Extension
University of Alberta



Ross Sheppard High School

Saturday October 18th, 1997



Do you have:

- contributions for the archives?
- contact with any of your classmates?
- any suggestions for a "gallery of notables"?

FORTIETH
40
ANNIVERSARY

**Banquet tickets
now available!**
(\$50 each)

Contact
Marnie Armstrong,
Anniversary
Committee Chair,
at (403) 454-8576

TRAILS

FOLLOWING THE FOOTSTEPS OF UNIVERSITY OF ALBERTA ALUMNI

Bluefish Studios



This isn't something from your Granny's attic. With its long, lean lines and the look of metallic rawhide, this Steelskin chair from Hothouse Design Studio Inc. is a piece of sittable art. For the past two years, Edmonton-based Hothouse has been making a name for itself with its Canadian-flavored designs, organic shapes, and natural materials. And it all started at the U of A.

Story on page 25 ►

UNIVERSITY OF ALBERTA ALUMNI ASSOCIATION

Executive Committee

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John Gill, '80 LLB

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Elliot Gelfand, '65 MD

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Dorothy Reynolds, '64 Dip(Nu),
'65 BSc(Nu)

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Dwayne Samyela, '76 BSc,
'79 BSc(Pharm)

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'95 MA

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E-mail: alumni@gpu.srv.ualberta.ca

Web: www.quasar.ualberta.ca/alumni/

SALUTE TO VOLUNTEERS

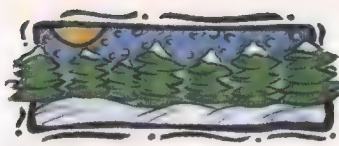


Dawn Green-Shelton, '85 BA (Rec Admin) was the president of the Mixed Chorus Alumni Association from 1994 to

1997. Due to her outstanding leadership the MCAA developed and released the "Fifty Golden Years of The University of Alberta Mixed Chorus" CD with the assistance of many volunteers. She helped establish an Alumni Special Events Fund to help with events like the 60th anniversary of the UAMC in 2004 and helped keep members in touch with the University through different events and newsletters. During her time as MCAA president, Dawn enjoyed learning about the "inner workings" of the University and Alumni Council, as well as learning about what other alumni groups were doing.

Dawn is currently the Community Recreation Coordinator for the City of Edmonton Community Services. She is also starting her own home business as a Creative Memories Consultant.

Dawn, who is married and has two young daughters, sings with the Greenwoods Singers in her spare time. "I am proud to be part of the Choir singing at the opening of the Francis Winspear Centre for Music," she says.



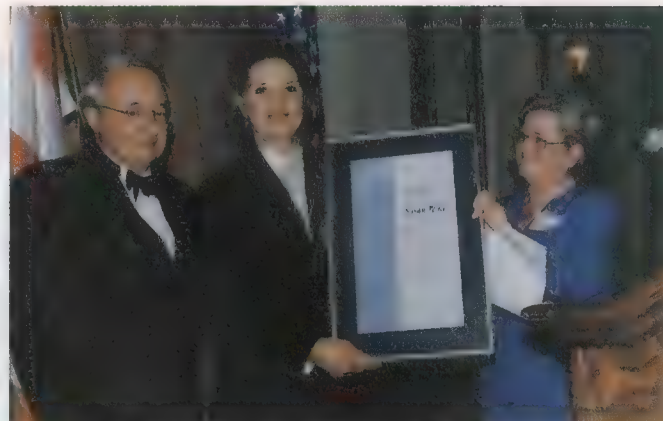
EVERGREEN

The envelope, please ...

Staff from the University of Alberta recently took several top awards at the annual conference for the Western Canadian/Pacific Northwestern American district of the Council for Advancement and Support of Education (CASE), which is a professional organization for people working for institutions of higher learning in areas such as alumni affairs, public affairs, and fundraising.

Susan Peirce, '70 BA, director of Alumni Affairs at the University of Alberta since 1980, became only the second Canadian ever to win the district's top honor, the CASE Distinguished Service Award. (The only other Canadian to have received the award is Terry Flannigan, the U of A's current executive director of External Affairs, who presented Peirce with the award.)

Peirce transformed the Office of Alumni Affairs at the U of A from a two-person office into an award-winning operation which received a silver medal for alumni decade achievement from CASE in 1987. "Susan is seldom satisfied with the status



Alumni Affairs director Susan Peirce (centre) accepts the Distinguished Service Award from Carol Berg-Christiansen, the district chair of the Council for Advancement and Support of Education's District VIII. Also shown is Terry Flannigan, executive director of external affairs and a previous recipient of the award.

quo," said Flannigan at the awards presentation in February.

Various projects from the U of A – including publications for students and in support of research and teaching – won a total of 10 awards, including a gold award for the University of Alberta Campaign case statement and the Grand Crystal Award for the booklet *Patent Portraits*.

Among those honored were staff members from the University of Alberta Libraries, Office of the Registrar and Student Awards, Museums and Collections Services, Graphic Design and Photography Services, and Public Affairs.

Ideas for reunion organizers

Are you involved in planning a class reunion for Reunion Weekend '97?

If you're a graduate of the special anniversary classes of '47, '52, '57, '72, '77, '87, or '92, are you thinking about planning a class reunion? Are you having difficulty getting started? Or do you want some hints on how to plan a great reunion your classmates will all remember?

Join alumni from other reunion classes, Alumni Council members, and U of A staff from various faculties on campus at a

Association Calendar

Branches

Beijing, China

11 May, 12 noon

Alumni luncheon

Guest speaker: President Fraser

Special guest: biological sciences

professor Larry Wang

Contact Huang Zijian at

8610-6422-4217

Victoria

13 May, 7:00 pm

Financial planning seminar

Executive House Hotel

Cost: \$6.00/person

To register contact Alumni Affairs at 1-800-661-2593

Calgary

4 June, 4:30 pm

2nd Annual Spruce Meadows

Reception and Buffet

Cost: \$30.00/person

Guest speaker: Dean of Arts

Patricia Clements

Contact Keith Sveinson at

(403) 289-2471

Chicago

6 June, 6:00 pm

11th All-Canada Alumni Dinner

Columbia Yacht Club

Cost: \$30.00/person

Guest speaker: Russ Kirby,

president of ParticipACTION

Contact Kathy Casselman Wells

at (773) 743-4059

Phoenix

Week of 27 October

Alumni reception (location TBA)

Guest speaker: President Fraser

Contact Norman Elton Nichol at

(602) 396-4491

Dallas

Week of 27 October

Alumni reception (location TBA)

Guest speaker: President Fraser

Contact John Owen at

(214) 841-3010 (bus)

Houston

Week of 27 October

Alumni reception (location TBA)

Guest speaker: President Fraser

Contact Warren Nicholson at

(713) 750-1500 (bus) or

(713) 952-1873 (home)



reunion organizers' workshop offered by the Office of Alumni Affairs on 29 May.

Learn valuable tips on how to plan a successful reunion, meet other reunion organizers, and find out what kind of support is available from the Office of Alumni Affairs and other offices and services on campus. You'll hear all about the exciting activities planned for Reunion Weekend '97 and find help to get on your way in planning an unforgettable reunion!

For more information or to register for the free 29 May session at Alumni House, call Alumni Affairs at 492-3224 or e-mail alumni@ualberta.ca.

Dental Alumni Association makes a comeback

While the school of dentistry is now a part of the Faculty of Medicine and Oral Health Sciences at the U of A, the Dental Alumni Association is alive and well. Interested faculty members and dentistry alumni are currently

reviving the University's second-oldest constituent alumni association, which was formed in 1949. (Only the Medical Alumni Association, which was formed in 1936, is older.)

The Dental Alumni Association, inactive during Dentistry's recent transition into the new Faculty, plans to revive its activities, beginning with the 1997 Convocation Brunch. All alumni are welcome to attend this annual social event. The brunch will be held 5 June from 10:30 a.m. to 12:30 p.m. at the Chateau Lacombe Crowne Plaza in Edmonton.

The DAA is a self-funded organization that provides services for alumni of the U of A dental school. These include activities such as networking sessions, social events, a yearly newsletter, scholarships and the convocation brunch.

For more information about becoming part of the Dental Alumni Association or to reserve tickets for the Brunch, please call Alumni Affairs at 492-3224.



All Alumni Invited to Spruce Meadows

The Alumni Association's Calgary Branch is inviting alumni from Edmonton – or from anywhere else in the world – to come to Calgary for the Branch's 4 June event.

Following up on last year's success, the Branch is holding its second-annual reception and buffet at the impressive Spruce Meadows equine centre. From a specially-booked pavilion, alumni will be able to watch some of the best show jumpers in the world competing as part of Spruce Meadows' NATIONAL tournament.

The U of A reception will begin at 4:30 p.m. The Luscar "Welcome" showjumping competition commences at 5:00 p.m., and it will be followed by the Inland "Cup" open jumper competition.

Tickets are \$30 per person. That includes event admission, buffet, a walking tour, and parking. Reservations must be made in advance. For further information, contact the Calgary Branch president Keith Sveinson at (403) 289-2471 or contact the U of A Office of Alumni Affairs.

CLASS REUNIONS '97

Reunion Weekend '97 will be held October 2-5. For more information or to plan a reunion, call Alumni Affairs.

Year & Class/Date & Place/Contact

- '27 All faculties/RW'97/Alumni Office
- '37 All faculties/RW'97/Alumni Office
- '37 Home Ec/RW'97/Jessie Alfke
- '37 Med/Sept., Edmonton/Alumni Office
- '47 Eng/RW'97/George Hodge
- '47 Home Ec/RW'97/Lorna Connolly
- '47 Nursing (BSc)/RW'97/P. Holmes
- '47 Education/RW'97/Nevis Labranche
- '47 Agriculture/RW'97/Frank Jacobs
- '47 Commerce/RW'97/Eric Geddes
- '50 Home Ec/RW'97/Bernice Olson
- '52 Law/RW'97/Garth Fryett
- '52 Elec Eng/RW'97/Bob Choate
- '52 Home Ec/RW'97/Melvina Gowda
- '52 Agriculture/RW'97/Hugh Campbell
- '52 Med/Sept., Edmonton/John Mason
- '52 Nursing (PHN)/RW'97/Mina Pool
- '52 Education/RW'97/Donald Hepburn
- '52 Pharmacy/RW'97/Doreen Hagen
- '57 Home Ec/RW'97/Edith Zawadiuk
- '57 Commerce/RW'97/Miles Palmer
- '57 Chem Eng/RW'97/Fred Otto
- '57 Agriculture/RW'97/Adolph Goettel
- '57 Education/RW'97/John Hawrelko
- '57 Law/RW'97/Harry Johnson
- '57 Medicine/Sept., Edmonton/D. Irving
- '57 Pharmacy/RW'97/Josephine Smith
- '57 Dentistry/RW'97/Bernard Adler
- '57 Min Eng/RW'97/Verne Plitt
- '60s Chem PhD/RW'97/Ralph Moore
- '67 Nursing/Oct., Victoria/G. Duguid
- '67 Dentistry/May, Jasper/R. Langmaid
- '67 Medicine/TBA/TBA
- '71 PT/RW'97/Patricia Gilchrist
- '72 OT Dip/RW'97/Mary Lacerte
- '72 Mech Eng/RW'97/Allan Thorn
- '72 Medicine/TBA/Keith Phillips
- '72 Engineering/RW'97/G. Falkenberg
- '72 Agriculture/RW'97/Dale Engstrom
- '72 Civil Eng/RW'97/Ed Bouthillier
- '72 PT Dip/RW'97/Helen Riewe
- '72 Pharmacy/RW'97/Debbie Holmes
- '72 Home Ec/RW'97/Donna Reid
- '72 Law/RW'97/Alumni Office
- '72 Nursing/May, Kananskis/M. Gustafson
- '77 Agriculture/RW'97/Vickie Baracos
- '77 Min Eng/RW'97/Bernie Goruk
- '77 Geology/RW'97/Gary Thompson
- '77 OT Dip/RW'97/Lorna Reimer
- '77 Dentistry/RW'97/Dennis McLaughlin
- '77 Law/May, Edmonton/Robert Hall
- '87 Commerce/RW'97/Sharill Clark
- '87 Dent Hyg/RW'97/Tammy Gulevich
- '87 Medicine/May, Banff/Leah Gramlich
- '87 Nursing/RW'97/Kathy Littlewood
- '87 Med Lab Sci/RW'97/M. Hawryliw
- '87 Agriculture/RW'97/Fiona Salkie
- '87 Chem Eng/RW'97/Gerry Bruha
- '87 Law/RW'97/Janice Agrios
- '87 Pharm/May, Banff/Rhonda Petruk
- '87 OT/Aug., Gull Lake/Wendy Hoven
- '92 Mech Eng/RW'97/Bruce Wohlgemuth
- '92 Pharm/RW'97/Jeff Onyskiw
- '92 Phys Ed/RW'97/Lisa Colombo
- '92 PT/RW'97/Cara Kaup

Denver

30 October

Alumni reception
Denver Country Club, main floor
Guest speaker: President Fraser
Contact Shauna Landon at
(303) 778-8066

Fort McMurray

November

Alumni reception and student
recruitment event
Contact Alumni Affairs at
492-3224 or 1-800-661-2593

Lethbridge

November

Alumni reception and student
recruitment event
Contact Les Talbot at
(403) 329-9119

Convocation Breakfasts

Science: 4 June, 8-10:30 am

Chateau Lacombe Crowne Plaza

Medicine: 5 June, 8-10:30 am

Mayfair Golf and Country Club

Dentistry: 5 June, 10:30 am-12:30 pm

Chateau Lacombe Crowne Plaza

Nursing: 8 June, 8-10:30 am

Westin Hotel Ballroom

Alumni are invited to attend. For
information contact Alumni Affairs.

Constituent Groups

Medicine

11 & 12 September

Dinner and AGM

Westin Hotel, Edmonton

Contact Alumni Affairs at
492-3224

Nursing

4 June, 5-6:30 pm

General meeting

Faculty of Nursing boardroom

23 September, 5-6:30 pm

Annual general meeting

Faculty of Nursing boardroom

Contact Judy Cote at 477-4072
for information on both events

Library & Information Studies

27 May

Annual General Meeting

19 June

Alumni reception at the
Canadian Library Association
Conference in Ottawa

Contact Della Jacobson at
492-8348 for information on
both events

Family Ties

Compiled by Elinor Bentley (Johns), '64 BA

The following list of alumni families was compiled from the letters, histories, and family trees that were submitted. They are listed by the surname of the first alumnus, followed by the number of family members.

FOUR GENERATIONS

Chalmers/Niddrie (23)
Gainer (15)
Hill/Thomas (23)
Howson/Newton (48)
McCalla (37)
Smith, Howard (18)
Toogood (18)

THREE GENERATIONS

Allan (4)
Bauer (28)
Beauchamp (11)
Eastwood (6)
Gareau (10)
Lobay (23)
Skuba (23)
Smith, Kenneth (7)
Sorenson (10)
Walter (21)

ONE or TWO GENERATIONS

Aasen (12)
Anderson, Cecil (11)
Anderson, Clarence (13)
Berg (31)
Caffaro (5)
Chauvet (18)
Feehan (10)
Finlay (8)
Fishburne (10)
Handel (2)
Hertz (6)
Ibsen (5)
Klassen (11)
Lambert (4)
Leboldus (15)
McDonald (22)
Nielsen (8)
Pinckston (5)
Potter (6)
Riegel (3)
Samyia (10)
Szojka (18)
Uhryn (9)
Wudel (3)
Yoneda (7)

The Alumni Association's Alumni Family Generations contest prompted more than 40 submissions that included over 500 alumni family members – spanning the generations from **Lillian Ruby Gainer (Clements), '15 LLB** (the first woman law graduate from the U of A and the first woman admitted to the Alberta Bar) to **Jonathan Chmilar, '94 BPE, '96 BCom**.

And the winner is ...

THE HOWSON-NEWTON FAMILY



Agnes Newton



William Robinson Howson

Several families traced four generations of University of Alberta alumni, and the largest among them was submitted by **Margaret Carmichael Howson Craig, '38 BA, '41 MD**. She painstakingly listed nearly 50 U of A alumni, in total, descending from **Agnes Newton (Fuog), '21 BA, '25 MA**, and **William Robinson Howson, '15 BA, '16 LLB, '47 LLD (Honorary)**. Agnes' daughter married William's son, and many of their descendants attended the U of A. **Robert Newton, '50 LLD (Honorary)**, president of the U of A from 1945-50, was also a part of this extended clan.

En Francais

THE GAREAU FAMILY: **Thérèse Gareau (Dandurand), '46 BA**, enrolled at the U of A in 1943, "Notwithstanding dire warnings that I would lose both my native tongue and my faith," she recalls. In 1948 she married the late **Laurent Gareau, '55 MSc**, and the extended Gareau family includes 13 former students who hold 18 U of A degrees in disciplines as diverse as horticulture, psychology, and anthropology. The third generation includes current students **Robi and Roq Gareau**. **Simone Gareau, '81 BA, '85 MA**, is a professor at Faculté Saint Jean. Thérèse says all of her children and grandchildren speak French: "So 'ma langue et ma foi' fared well!"

Letters of the law

THE FEEHAN FAMILY: Ironically, the late **Ned Feehan**, after whom the F.M. Feehan Memorial Scholarship in the Faculty of Law is named, is not a U of A graduate. But he is the patriarch of a clan in which nearly everyone – including his wife, his sons and their spouses, and many nieces and nephews – seems to have earned degrees from the U of A. The well-known Los Angeles music producer and recording artist **Tim Feehan, '80 BA**, is one of Ned's seven sons, along with **Dan Feehan, '75 BEd; Mark Feehan, '81 LLB; Gerry Feehan, '78 BSc, '82 LLB; Pat**

Feehan, '83 BA, '86 LLB; Matt Feehan, '86 BA; and Tom Feehan, '87 BA, '93 BEd. Noting that all those degrees were earned in the hectic span of 1975-93, Gefry says, "It's a wonder that the Feehan boys found time to get into all that trouble ..."

The pioneers

THE BAUER AND SKUBA FAMILIES: "Neither my grandfather nor my father had the opportunity to attend any university," writes professor emeritus of rural economy **Leonard Bauer, '59 BSc(Ag)**. "However both of them had a deep respect for higher education and made tremendous personal sacrifices so that their heirs could progress in learning beyond what was possible for them." The sacrifices made by **Alexander and Friedbart Bauer**, who maintained the family farm at Hilda, Alberta from 1909 to 1964, paid off for 29 of their descendants who have earned U of A degrees over the years. **Joanne Ross, '69 BA**, tells a similar story about her grandparents, **Efram and Evhenia Skuba**, who settled at Spedden, Alberta after arriving in Canada from Ukraine in 1913. "Although my

grandparents had very limited means they placed a very high value on education." Four of the seven Skuba children earned U of A degrees, resulting in a legacy of 32 alumni descendants. Ironically, **Tom and Anastasia Lobay** were married on February 20, 1910 in a church in the village of Poddemyr, Ukraine – the same place, and on the same date, as **Efram and Evhenia Skuba**! The Lobays came to Canada in 1914 and settled on the quarter-section neighboring the Skubas' farm. The Lobays had six children who are all U of A graduates, as are 17 Lobay grandchildren, including **Donald Lobay, '82 BSc(Ag)**, who submitted his alumni family story.



Efram and Evhenia Skuba at Spedden, Alberta circa 1913.



Myros Samycia in Myros Pharmacy, circa 1965.

White coats, black sheep

THE SAMYCIA FAMILY: Myron Samycia, '58 BSc(Pharm), and Myros Samycia, '51 BSc(Pharm), started a family dynasty in pharmacy. Myron's daughter Dana Withrow (Samycia), '91 BSc(Pharm), is the most recent recruit to the profession, and three of Myros' children have become hospital or retail pharmacists: U of A Alumni Council member Dwayne Samycia, '79 BSc(Pharm), Linda Raisbeck (Samycia), '73 BSc(Pharm), and Caroline Shewchuk (Samycia), '83 BSc(Pharm). The "black sheep" of the family is Gary Samycia, '77 MD, '75 BMed, a physician at the Baker Clinic in Edmonton, who redeemed himself by marrying – yes, a pharmacist – Donna Samycia (Belseck), '75 BSc(Pharm).

Game, set, match

THE ALLAN FAMILY:

Donald Allan, '23 BCom, a member of the first commerce class to graduate from the U of A, was a Tennis Club member who won the intersvarsity championship in men's singles tennis in 1922. His alumni family grew as his wife Pearl Allan, '62 BEd, '67 Dip(Ed), and his son Donald Allan, '62 BCom, both finished U of A degrees – Pearl completing hers on evenings and during summer session. A third-generation descendent, Jonathan Allan Chmilar, '94 BPE, '96 BCom, has brought the family full circle: 74 years after Donald's victory, Jon was a member of the 1996 U of A men's tennis team that won the Canadian championship.



U of A tennis club circa 1922.

Double whammy

THE THOMAS-HILL AND CHALMERS-NIDDRIE FAMILIES:

Some of the largest U of A families can trace alumni descendents from both sides. Maryann Shirley Thomas (Bonnell), '53 Dip(Nu), '54 BSc(Nu), whose alumni family traces from both the Thomas and Hill sides of the family, counts 23 alumni family members. The Chalmers-Niddrie extended alumni family now numbers more than 20 graduates over four generations of U of A alumni, according to professor emeritus of secondary education John W. Chalmers, '32 Dip(Ed), '35 MA, '41 MEd, '84 Postgrad Dip, '90 MA, and his wife Dorothy Chalmers (Niddrie), '36 BSc(HEd).

Ask not what the U of A can do for you ...

THE RUTHERFORD-McCUAIG FAMILY:

Beginning with Alberta's first premier, Alexander Rutherford, who was a founder of the U of A, the Rutherford-McCuaig clan has had a tradition of service to the U of A. Alexander Rutherford received one of the first honorary degrees in 1908, was a founding member of the University's senate, and became its chancellor in 1927. "Achnacarry," the family home that he built in 1911, is now a historic landmark on campus and is known as Rutherford House. There, for many years, the hospitable Rutherfords hosted the popular Founder's Day Tea for the graduating University class. In recent years, the tradition of service to the University has continued with Eric McCuaig, '42 BA, '47 LLB, the son of Alexander's daughter, Hazel McCuaig (Rutherford), '64 LLD (Honorary), serving two terms on the U of A senate.

Is there a doctor in the house?

THE YONEDA FAMILY: The answer is always "yes" with the Yoneda family, which boasts U of A medical genealogy going back to 1944, when patriarch Yoshitaro Yoneda, MD, graduated. His wife is Masa Yoneda, '65 BA, and they have five children, three of them medical graduates from the U of A: Bruce Yoneda, '72 MD, an orthopedic surgeon in Victoria; Janet Pearson (Yoneda), '71 BA, '76 MD, a physician with the Allin Clinic in Edmonton; and Ross Yoneda, '77 MD, who practises with the Burris Clinic in Kamloops, B.C.

Born at the U of A

THE FINLAY FAMILY: Joy Finlay, '74 Dip(Ed), '78 MEd, and Cam Finlay, '68 MSc, declare that their family is "unique by being 100 per cent U of A alumni!" – including their children Brett Finlay, '81 BSc, '86 PhD, Warren Finlay, '83 BSc(Eng), '84 MSc, and Rhonda Johnson (Finlay), '86 BA, '90 MBA, '90 LLB, and all their spouses. In addition, all three Finlay children were born at the U of A Hospitals. Joy is a former U of A professor and Warren is a faculty member in mechanical engineering. Incidentally, Warren's wife Susan Fenske, '85 BSc, is part of another extended alumni family clan that includes her parents, Frances Fenske (Warren), '72 Dip(Ed), '76 BEd and Melvin Fenske, '54 Dip(Ed), '55 BEd, '63 MEd, and siblings Keith Fenske, '81 BSc, '88 MSc, Neil Fenske, '79 BEd, '84 MEd, and his wife Tracy Fenske (Liden), '86 BSc(Nu). And the list goes on ...

Five of the eight Berg brothers, a farming family from near Millicent, Alberta, obtained U of A degrees in agriculture. Among their relatives and descendents are 26 more U of A graduates – half of those in agriculture or related disciplines.

All seven children of Francis Leboldus, '48 DDS, are U of A graduates.

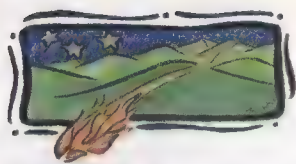
Nine of the eleven children of Maureen Chauvet (Dier) and Louis Chauvet, '49 BSc(Ag), are U of A alumni. In addition, Maureen and Louis each have two siblings who are U of A graduates and have proliferated alumni generations of their own.

Tell us about your alumni family! A special Alumni Family Ties event is now being planned for 1998. To pass on your ideas for this event or submit information on more alumni families, write:

450 Athabasca Hall
University of Alberta
Edmonton, AB T6G 2E8
or e-mail:
alumni@ualberta.ca



Brett Finlay holds baby brother Warren, just after Warren's arrival from the U of A Hospitals in 1961.



TRAILBLAZERS

Not Immune to Success

Tak Mak has made historic contributions to immunology

By Rick Pilger

As their jet touched down and began taxiing to the terminal building at King Khalid International Airport, **Tak Mak**, '72 PhD, and his wife Shirley wondered what all the fuss was about.

The couple, about to begin a 1995 visit to Saudi Arabia, had been mystified by an announcement from the flight deck. All passengers had been asked to remain seated until further notice, and Mak, a professor of immunology at the University of Toronto and founding director of Toronto's Amgen Institute, wondered what was going on.

He soon found out. When the aircraft's doors opened, members of the Saudi royal family came on board to greet him, escort Shirley and him past the customs lines to waiting limousines, and whisk them to the palace at the head of a royal entourage.

As the recipient of the 1995 King Faisal International Prize for Medicine, Mak had expected some sort of welcome, but nothing like the treatment he received for the entire week he was on Saudi soil. "We were treated like royalty the whole time," says Mak, clearly enjoying the memory. "It was fun."

It was also a change of pace for the slightly-built scientist for whom "fun" is normally synonymous with "work." He plays some golf and some tennis – both with intensity – but mostly he works. He seldom takes vacations and can't remember when he last went to a movie. "Basically, I work around the clock," admits the scientist whom colleagues describe as "driven but gentle."

His drive – coupled with an impressive intellectual grasp – has earned Mak a dozen major awards, any one of which could crown a distinguished career. A fellow of the Royal Societies of Canada and of London, last year he became the first Canadian to ever receive the prestigious Sloan Prize of the General Motors Cancer Research Foundation – an award that places him in the very top rank of contributors to

medical knowledge.

The U of A alumnus is best known for the work he published on 8 March 1984 – a date that is both the polestar of his career and a pivotal point in the history of immunology. On that day, two independent articles appeared in the journal *Nature* unravelling what had been one of immunology's greatest mysteries: the nature and structure of the receptors that enable T-cells to function as the front-line troops of the immune system.

Babak



One paper originated from a U.S. National Institutes of Health group headed by Mark Davis (who shared the \$136,000 Sloan Prize with Mak). The other article detailed work done by Mak's group in Toronto. While Davis had been studying the immune system cells for some time, Mak, who had trained as a virologist, was relatively new to the puzzle that had vexed scientists since the basic workings of the immune system had been sketched out in the late 1960s.

"Nobody knew what the receptor looked like or how it did its job," remembers Mak.

In the healthy body, the presence of for-

eign cells of any sort provokes an immediate immune system response. At the front lines of this defence are the T-cells that patrol the body, differentiating between "self" and "non-self." Before Mak and Davis published their work, nobody knew how T-cells made their identification. There had to be, it was thought, something on the T-cell surface – a receptor of some sort – that allowed a circulating T-cell to recognize the one substance it was genetically programmed to identify. But the nature of the receptor remained a mystery – and a pressing one, because scientists saw the nature of the T-cell receptor as holding the key to understanding a variety of diseases, including AIDS, multiple sclerosis and a

host of other autoimmune conditions. And maybe even cancer.

The accepted wisdom was that the gene responsible for producing the T-cell receptors would be a variation of the antibody gene. After all, antibodies serve as receptors for another immune system component (called B-cells), and surely Nature wouldn't go to the bother of creating

Mak's landmark work on T-cells marked a pivotal point in the history of immunology. The nature of the T-cell receptor may hold the key to understanding a variety of diseases, including cancer, AIDS, and multiple sclerosis.

two different systems for invader recognition, would she?

New to the puzzle, Mak challenged the conventional wisdom. He became convinced that, despite the theoretical objections, there *had* to be two distinct receptor systems, and he and his research group started looking for a gene peculiar to the T-cell. It was painstaking work that tried the faith and ingenuity of the researchers, but after cloning hundreds of genes and comparing them to genes from non-T-cell lineages, Mak had what he was looking for: the gene responsible for the T-cell receptor.

That breakthrough quickly proved fun-



"I didn't want to waste time ...
It is important to me that,
whatever I do, I do best."

damental to new advances in the field of immunology. Problems that had eluded researchers for decades were soon dispensed with. Mak's laboratory alone published a flurry of 150 papers detailing the structure and function of the T-cell receptor along with T-cell function itself.

The whirlwind of activity suited Mak, who has always been in a hurry. At age 15 he left Hong Kong, where his family had settled after losing a fortune during the 1949 Chinese communist takeover, to attend the University of Wisconsin. After earning bachelor's and master's degrees there, he came to Alberta. "I wanted a change," says the immunologist, "but I didn't want to waste time."

So as not to miss a step, he looked for a school where he could continue work on the virus he had already begun studying (the mengo encephalomyelitis virus). And that led him to the U of A, where biochemistry professor **John Colter**, '45 BSc was an acknowledged world leader in study related to that virus.

In 1972, at age 24, Mak graduated from the U of A and headed to Toronto, where he has remained, turning down lucrative offers from outside Canada. He hasn't had to regret staying put, though: eventually, the mountain came to Mohammed – or in this case, Mak. In 1993, attracted by his work, California-based Amgen Inc., the world's largest biopharmaceutical company, committed \$133 million to create an institute affiliated with the University of Toronto and the Ontario Cancer Institute.

Despite his accomplishments to date, Mak isn't prepared to let up. His motivation is simple, he says: he just can't stand the thought of being second best – on the tennis court, on the golf links, or in the laboratory. "It is important to me that, whatever I do, I do best." ➤



BOOKMARKS

A Saving Grace: The Collected Poems of Mrs. Bentley



Lorna Crozier, '80 MA
The latest collection from this renowned Canadian poet takes a page from Sinclair Ross's novel *As For Me and My House* and its memorable character,

Mrs. Bentley. Crozier uses the voice of Mrs. Bentley to evoke Depression-era life in Saskatchewan in this special volume of poems. (McClelland & Stewart)

Shredding the Public Interest

Kevin Taft, '83 MA, '77 BA

This book on Alberta premier Ralph Klein's government caused a pre-election sensation by suggesting that Klein's Tories misled voters about government spending. Taft is a member of the newly-formed Parkland Institute, a western Canadian think-tank with links to the U of A. (U of A Press)



Tiger's New Cowboy Boots

Irene Morck, '66 BSc

Set against colorful drawings of Alberta's scenic Rocky Mountain foothills, this heart-warming children's story is about a city kid trying to make a good impression while helping with his uncle's annual cattle drive. (Red Deer College Press)

Monet's Garden

John Lent, '69 BA, '71 MA

The fifth book from this Okanagan writer is a volume of interconnecting short stories about an Edmonton family growing up in the '50s and '60s and beyond, into their adult lives. Lent teaches literature and creative writing at Okanagan University College. (Thistledown Press)



Banjo Lessons

David Carpenter, '62 BA, '64 BEd, '73 PhD

This coming-of-age prairie yarn begins in mid-century Alberta and takes side-trips to Toronto and Oregon as a boy becomes a man and learns to play the banjo, flycast for trout, and embrace the challenges of an artist's life. (Coteau Books)

Black Wine

Candas Jane Dorsey, '75 BA

This debut fantasy novel by a renowned Edmonton speculative fiction writer recently won the William L. Crawford Fantasy Award from the International Association for the Fantastic in the Arts for best new author. (Tor Books)



The New Land: A First Year on the Prairie

Marilynn Reynolds, '61 BA

This popular children's author (*A Dog for a Friend*, the award-winning *Belle's Journey*) looked to her pioneer grandparents' family history to craft this charming frontier tale of settling on the prairies. Some of the evocative, historically correct illustrations are based on Reynolds' old family photos. (Orca Book Publishers)



The Year is a Circle: A Celebration of Henry David Thoreau

Victor Carl Friesen, '75 PhD

The author of a previous work on Henry David Thoreau's prose (*The Spirit of the Huckleberry*) has compiled a unique volume of poems, quotations and photographs that illumi-

nates both the work of Thoreau and the vision of nature that his work exemplifies. (Natural Heritage Books)

Diversity: A Business Advantage

Phebe-Jane Poole, '86 BCom

This practical guide is a "how-to" book for organizations seeking to develop, implement, and monitor diversity programs in the workplace. Written by a noted consultant in the field, it includes checklists, examples, and a six-step diversity plan. (Poole Publishing Company)



Also Noted

Almonte's Brothers of the Wind:

R. Tait McKenzie and James Naismith
(General Store Publishing House)

Frank Cosentino, '69 MA, '73 PhD

Power Therapy: Maximizing Health Through Self-Efficacy (H & H Publishers)
Michael Aleksuk, '65 BSc

Mackenzie Breakup (Pathfinder)

Jean Kadmon (Ball), '43 BA



CLASS NOTES

'44 Robert Black, LLB, is the grants committee chairman for the Calgary Foundation.

'47 Marguerite Leng (Lambert), BSc, retired from the Dow Chemical Company in Midland, Michigan in 1991 after 27 years in its agricultural chemicals and health and environmental research areas. She is now president of Leng Associates, a consulting firm working in the areas of international regulatory affairs and agrochemical product registration. She and her husband have three children and eight grandchildren, and that she is "looking forward to 50th reunion at U of A in 1997."

In the Winter 1996/97 issue, we reported that **Eileen Davis (Macartney)**, '47 BEd and **George Davis**, '49 BSc(Eng), were living in Sydney, Australia. It is their son Glen Davis (who is not a U of A graduate) who lives in Sydney. *New Trail* regrets the error and apologizes for any inconvenience it might have caused.

'49 William Coombs, BEd, is retired from his position as principal of the Alberta School for the Deaf. He was the founding head of the Department of Special Education at the U of Saskatchewan and was involved with the Speech and Hearing clinic at Indiana U.

Wallace Lindberg, BSc(Eng), of Edmonton worked for Lockerbie and Hole and H.F. Clarke Ltd. after graduation, then founded Gladwall Engineering Services Ltd. He retired in 1996.

Joy Russell, BSc, reports that she is retired after several decades of teaching in Canada, England, Africa and Hong Kong. Joy entered the U of A after serving as a Wren in the Women's Royal Canadian Naval Service.

'50 Harvey Buckmaster, BSc, professor emeritus in the Department of Physics and Astronomy at the U of Calgary and an adjunct professor of physics at the U of Victoria, has been elected a fellow of the American Association for the Advancement of Science.

'51 Jocelyn Pritchard (Rogers), BA, is the director of the newly-opened Centre for Church Music and the Arts in Vancouver. She is a music festival adjudicator and examiner of piano students.

'52 Victor Juba, BSc, has retired after 40 years with Husky Oil. He is chair of the 1997 Alberta Summer Games to be held in Lloydminster July 24-27, and chairs a committee that is developing a heavy oil museum there.

'55 Lucy Greene, BA, is a writer and speaker living in Toronto. She was recently appointed to the board of directors of the Ontario Teachers' Pension Plan.

'56 Bohdan Kuzyk, DDS, a clinical professor at the U of A, was recently awarded a mastership in the Society of Dentistry for Children.

'58 Robert Brawn, BSc(Eng), the president and CEO of Danoil Energy Ltd. in Calgary, was recently appointed to the board of Parkland Industries Ltd.

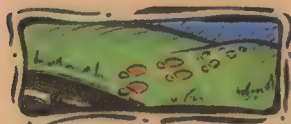
Margery Cartwright (MacFarlane), BEd, lived in London, Ontario for 24 years where she was active in community and neighborhood politics, women's issues, choral music and recorder performance, and operating a pottery studio. She now lives in Haliburton, Ontario where she remains "connected with the lively arts network." Her pottery can be found in Canada and the United States.

'61 Samuel Aylesworth, BSc, the managing director and chief executive of the Nickle Family Foundation for 13 years, was recently appointed executive director of The Calgary Foundation.



Lawrence Mysak, BSc, '60 Cert (Arts), recently became a member of the Order of Canada. He holds the Canada Steamship Lines Chair of

Meteorology at McGill U and is the founding director of its Centre for Climate and Global Change Research.



OFF THE BEATEN PATH

Hazel Gould, '51 BSc, was never terribly fond of sewing. Add to that the fact that she is a science graduate who worked as a geophysicist for four years, and it seems decidedly odd that she's now the president of a large clothing chain.

But when you consider the facts, her life's work makes sense. Gould is co-founder of The Tall Girl Shop Ltd., a retail chain that sells clothes and shoes for women who are, like the 5'11" Gould, tall. For much of her own life, Gould relied on her mother, a seamstress, and her own sewing skills for her wardrobe. But then she saw a business opportunity to fill a niche in the retail clothing sector.

Her new career has proven to be a good fit. She and her husband, an engineering physicist who handles the computing and accounting ends of the business, have always liked an adventure, and owning a retail business is definitely that.

"I just find it a real challenge," Gould says. "There's something new happening every day in this industry." And to those who wonder how someone with her background finds satisfaction selling shoes and clothing, Gould has this to say: "If you don't have a scientific and mathematical mind, you'd never survive in this business. A lot of women go into retail and fashion because they like clothes, but you have to have more than that, or you don't stay."

Gould was inspired to get into the retail business after visiting a specialty shop for tall women in Seattle in the late '50s. She and her husband were living in

Calgary and Gould was at home raising their baby daughter. (They have three adult children – including a son who's 6'5".)

She thought about returning to work outside the home, but wasn't sure whether that meant returning to geophysics. "I said, 'I think if I have a little support, I'd like to start a tall girl's shop,'" Gould recalls. And although her husband wasn't really interested in fashion, "he always liked the idea of being in business."

The couple researched their idea and gathered advice, and within six months they'd opened their first shop, an 800 square-foot space in downtown Calgary.

Since 1959, the business has expanded to 15 clothing and eight shoe stores in Canada and 12 clothing stores in the United States, including one at the giant Mall of America in Minnesota. Headquarters for Tall Girl is now in Mississauga, Ontario, which is closer than Calgary is to the clothing manufacturing centres.

Tall Girl carries clothes ranging in size from 8-20 and the Tall Crest shoe stores carry sizes 10-14. Although the typical customer is between the heights of 5'10"

and 5'11" the customers range in height from 5'5" to 6'5". "You don't have to be tall, you just have to have tall parts," says Gould.

While the stores carry only women's shoes and clothing, not all the customers are female. "We do get a few cross-dressers, very much so for shoes," Gould says. The shops also attract female basketball players – last year the Japanese national team visited the Vancouver Tall Girl shop – as well as ordinary tall women who are thrilled to find a place where they can purchase fashionable clothes that fit.

The Tall Girl Shop Ltd. researches current trends to ensure that tall women won't have to sacrifice fashion for fit. "They want everything that everyone else has," Gould says. She has four buyers but still travels to showrooms and trade shows in Montreal, New York, and Las Vegas. And she tries to fit in yearly visits to all the stores, although she admits, "I favor the ones where my kids are" – in Victoria, Vancouver, and Calgary.

Although she occasionally misses the oil and gas industry and stays in touch with friends she made while working in Alberta, Gould is happy in the retail world.

"Sometimes I'll go into one of our stores and there will be a girl there, six feet tall, and the manager will introduce me, and she'll hug me and say, 'You've made my life so much better,'" Gould says. "It's really rewarding."

– Deborah Waldman



'62 Joseph Martin, '62 MD, will become the new dean of the Faculty of Medicine at Harvard U on 1 July 1997. He previously held the positions of chancellor and dean of medicine at the U of California at San Francisco. Joseph, who is an internationally recognized leader in the field of neurological sciences, was a professor at Harvard U in the late '70s.

Stuart McDowall, BSc(Eng), recently received a diplomatic appointment as ambassador to the United Arab Emirates. Formerly he was director of the agri-food, fisheries and resources division of the Department of Foreign Affairs.

Wayne Runge, BCom, retired from the Calgary office of Deloitte & Touche in 1994 after 22 years as a partner there. He and his wife are now residing in Victoria and "looking forward to a longer golfing season."

'66 David Ferrier, BA, reports that he has been programming computers for 30 years, a job he loves. He recently found his latest job, in Fenton, Missouri,



Norman Reid, '49 BSc(Eng), '51 MSc, has recaptured something of the heady days he spent as a combat pilot flying 40 missions for the Royal Air Force Bomber Command during the Second World War. In 1996, he acquired a 1942 Canadian-built de Havilland Tiger Moth, the basic training craft used by the RAF. Over 12 days, Norman flew it from Brockville, Ontario to Victoria, arriving on Canada Day – July 1, 1996. Norman recently dedicated the plane to the B.C. Aviation Museum in a ceremony involving military personnel and other veterans. Norman, who was the founding president of the engineering consulting company Reid Crowther and Partners Ltd., lives in Sidney, B.C. with his wife Tess.

over the Internet. Says Bryce: "I met the strict NAFTA qualifications for a U.S. work visa: a (U of A) degree, evidence of experience in the field, a job offer, and a heartbeat."

George Robert, BEd, has retired from the Edmonton Catholic School District and plans to continue enjoying the pleasures of Edmonton. "Condominium living is a new adventure," he writes.

Hugh Robertson, LLB, '63 BA, the executive director of the Legal Education Society of Alberta, was recently elected president of the International Association for Continuing Legal Education. He is the first Canadian president of the organization, which has more

than 400 members from nine countries.

'67 Linda Van Gastel, MSc, '67 BSc(Eng), who recently became chief technology officer for PanCanadian Petroleum Limited, has been appointed to the board of directors of the Alberta Science and Technology Leadership Awards Foundation.

'68 Hazel Kent, BEd, and **Trevor Kent**, '69 BSc(Eng), own and operate Sea Breeze Beach Hotel and Kent Construction Ltd. in Barbados. Their eldest son **Anthony Kent**, '94 BSc(Eng), is project manager for Kent Construction.

'71 Patrick Kamenka, BSc, was a wild animal trainer for Walt Disney and a logger before joining the R.C.M.P., where he is now a law instructor.

Dennis Paulsen, BSc, is the creator and author of "Power Reading," an eight-step video program for increasing reading speed while also increasing comprehension and retention skills.

Edavalath Vijayakumar, BEd, of Red Deer retired last year after teaching high school French for 20 years in Alberta.

'73 Owen Edmondson, BSc, '79 MBA, recently became vice-president, controller of Alberta Power Limited.

'74 Patrick Jamieson, BSc, is the new president and CEO of the Centre for Engineering Research Inc. (C-FER).

Ken Lipinski, MD, '72 BSc(Med), and his sister **Peggy Lipinski**, '81 LLB, '78 BA, are proprietors of a mountain retreat and conference centre in South Africa called Noupoot Farm. It is located north of Cape Town on Piketberg Mountain.

Allan Stevens, BCom, recently became chief financial officer of Serval Enterprises in Calgary.

'76 James Forsythe, BFA, is an actor appearing in the Canadian play *Sex Tips for Modern Girls* at The Canal Caf Theatre in London, England during the months of May and June.

Carl Kuhnke, MBA, '74 BSc, as consul and senior trade commissioner at the Canadian Consulate General in Seattle, is responsible for Canada's business relationships with Alaska, Idaho, Washington, and Oregon. "I can't say I miss the snow!"

Stewart Rood, BSc, completed graduate studies at the U of Calgary and the U of Toronto and is now chair of the Department of Biological Sciences at the U of Lethbridge.

'77 Susan Saidman-Engel, BSc(MLS), received a PhD from the U of Pittsburgh in 1990. She is director of the Tissue Typing Lab at Massachusetts General Hospital and lives just north of Boston with her husband and daughter. **Judith Webster (Domingos)**, BEd, lives in Oakville, Ontario and teaches elementary school in Mississauga. She and her husband have "two small boys who keep us very busy."

Clifford Wulff, MBA, '64 BSc(Ag), who works for the Alberta Department of Agriculture, Food and Rural Development, is on a two-year posting to the western U.S. He is pursuing American market information, opportunities, and contacts for Alberta's food processors and marketers.

'78 Ruth Kelly (Sanborn), BA, and **Larry Kelly**, '79 BSc(Eng), live in Edmonton where Ruth is publisher and editor of the business magazine *Alberta Venture* (for a subscription, e-mail venture@compusmart.ab.ca) and Larry is the owner and president of Trinity Electronics Systems Ltd. Ruth is the vice-president of the board of directors of Big Brothers and Sisters of Canada and Larry volunteers with APEGGA and NAIT.

David McDonald, MA, recently left his position at the Australian Institute of Criminology to pursue PhD research at the Australian National U's National Centre for Epidemiology and Population Health in the areas of interpersonal violence and firearms. He enjoys Canberra life but has fond memories of the U of A.

'79 James Chapman, PhD, returned to New Zealand after graduation to join the faculty of Massey U, where he is now foundation professor and head of the Department of Education Psychology. His research has been primarily in the area of academic self-concepts of students with learning disabilities. He recalls spending enjoyable and productive years at the U of A, where he

In the Hindu Kush, it's fashionable simply to arrive.



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formed many lasting friendships with students and professors such as Drs Fred Boersma, Robert Mulcahy, Fern Snart, Len Stewin, Tom Maguire, David Baine and Linda McDonald.

Bernadine Martenson, BCom, reports that she and her husband recently had their first child and are living in Montreal.

Rob Nelson, BA, was recently married. The ceremony took place in a chapel at the U of Indiana in Bloomington.

Richard Secord, LLM, recently joined the aboriginal and environmental law

practice group of the Edmonton firm Ackroyd, Piasta, Roth & Day.

Edward Tear, '79 MSc, '77 BSc(Forestry) lives in Timmins, Ontario, where he has responsibility for forest industry liaison.

Bevan Yuen, BSc(Eng), works for the Qatar General Petroleum Co. in the Middle East. "Enjoying sea, sand dunes and hot weather."

'80 Barbara Ann Flock (Brebner), BA, and **Stephen Flock**, '81 BSc, live in Little Rock, Arkansas. Stephen, who did graduate work at Queen's U and McMaster U, did post-doctoral research at the U of Texas before joining the U of Arkansas for Medical Sciences, where he is now director of research in the Department of Otolaryngology-Head and Neck Surgery. They have two children, and invite friends to e-mail the family at stflock@otolan.uams.edu or venisect@aol.com.

Patricia Drope (Trainor), BA, of Gibsons, B.C. would like to hear from any alumni in Great Britain who would like to do a "house trade" with her for a few weeks. Interested alumni can contact Patricia through the Office of Alumni Affairs.

'81 Adam Grosser, BSc(Eng), is a product manager for Hewlett Packard in Germany. He writes, "In this next chapter we find our hero living near the Black Forest of Germany, enjoying family, career and travel throughout

Europe."

Wenzel Hanik, BA, of Atlanta would like to hear from U of A alumni living in the southeastern U.S. to organize an alumni gathering. He can be reached by phone at (770) 263-9018.

'82 Ulrich Stempel, PhD, '75 BA, who spent four years in Paris working at the German embassy, is now back in Bonn. He is a deputy head of the German government's press and information office.

'84 Mark Asbell, LLB, '79 BA, recently joined the Edmonton law firm Piasta, Roth & Day, practising labor and employment law.

Robert Greenhill, BA, recently became vice-president, strategic planning for Bombardier Inc.

Derek Hudson, BCom, recently became the chief financial officer for the Alberta Microelectronic Centre. Previously, he was a chartered accountant and certified management consultant with Price Waterhouse in Edmonton.

Goldwin McEwan, BSc, is a freelance technical writer whose work has been published in scientific, agricultural and trade publications. Recently his short story "Fatherhood" was broadcast on CBC Radio's "Alberta Anthology."

Darin Ursuliak, BSc(Eng), and **Judith Ursuliak (Bauer)**, '89 BSc(HEC), live in San Ramon, California. Darin is the manufacturing engineering manager for

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Humphrey Instruments in San Leandro and Judy is a full-time mom to their three boys.

'85 Gail Jeffery, BCom, is a crude oil marketing representative for Norcen Energy Resources Limited.

David Manz, PhD, recently received the annual project achievement award from the Association of Professional Engineers, Geologists and Geophysicists of Alberta for 1996. David, who is vice-president, engineering for Proteus Environmental Inc. in Calgary, engineered

and produced a unique filter to remove all pathogens, turbidity, iron and manganese from household water.

Jennifer Morgan, BSc(HEC), is now a product technologist for the Wool Bureau Inc. in New York.

Linda Wright, LLB, has an intellectual property law practice at the Law Office of Linda M. Wright in Ottawa.

'86 Samuel Durante, LLB, is a partner in the Calgary office of the law firm Macleod Dixon.

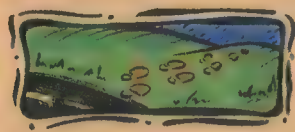
Lance Hymers, BA, reports that he

completed "intensive French training" just in time to go to Paris on his honeymoon. He now runs the busy RCMP immigration unit at Toronto Airport.

Margot Petruic, BCom, of Calgary and her husband welcomed their first child this past December.

'87 John Baker, '87 BSc(Eng), recently completed a master's degree in chemical engineering at the U of Calgary and is currently working as a process engineer.

Cheryl Gibson, '87 BSc(OT), recently



OFF THE BEATEN PATH

There is nothing but a small, innocuous sign to hint at the wonders within the walls of the downtown Edmonton building. Its nondescript 60 year-old exterior certainly reveals nothing, and the scuffed, deserted entrance way, with its cracked glass window, says even less about the extraordinary success of the tenants at the top of the stairs.

Yet Hothouse Design Studio is producing contemporary, leading edge furniture and furnishings for 200 retail stores across North America, while the global market clamors for more. The award-winning design company creates practical household essentials that look like works of art.

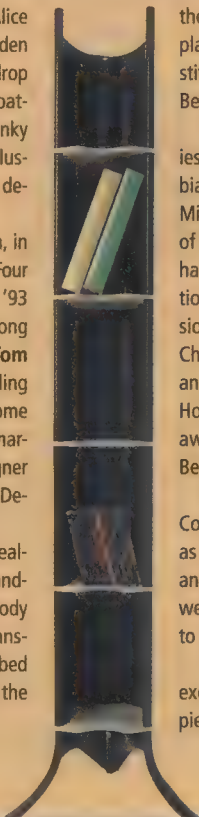
It all happens in a unique studio tucked amongst offices, warehouses, and retail stores on Edmonton's 112 Street. Peer through an Alice in Wonderland wall constructed entirely of old wooden window frames and you see walls that curve or drop above doorless doorways. Or circumnavigate the boat-shaped boardroom and you will marvel at the funky office furniture and wild splashes of color that illustrate what can happen when five creative minds decide to renovate an ordinary office space.

The Hothouse success story began across town, in the University of Alberta industrial design program. Four twenty-something artistic types — **Tim Antoniuk**, '93 BFA, and former U of A student Christian Smith, along with pals **Donna Nygren-Jones**, '93 BA and **Tom Sharp**, '91 BCom — dreamed of designing and selling their own furniture. After graduation, the foursome joined a co-operative that shared tools, ideas and marketing resources before they roped in graphic designer Dennis Lenarduzzi. Then, two years ago Hothouse Design Studio Inc. was born.

The five partners have made internationally appealing Steelskin chairs unlike anything you'll see at Grandma's house, sittable art with long, lean lines and a body with the look of metallic rawhide. They have transformed used car tires into a compact disk stand dubbed the Gumboot and say Canadian creatures inspired the Antler newspaper caddy and the Otter CD rack.



An antler-inspired wine rack and (below) the Gumboot CD stand.



"All of us are proud of our heritage, our roots," says Sharp, the Hothouse partner in charge of marketing. "We don't try and slap people in the face with our Canadiana but we certainly don't hide it. We use very organic shapes, there's a rawness to them and the natural/recycled ... is part of being a Canadian designer."

Everything from packaging labels and business cards to prototypes and trade show displays are created on the studio premises, while mass manufacturing is contracted out to businesses in Ontario, Saskatchewan and Alberta.

University of Alberta industrial design professor Bruce Bentz says his former pupils have made a name for themselves against

the odds, in what is a competitive worldwide marketplace. "That they have not let their locale in any way stifle their creativity or entrepreneurship is significant," Bentz says.

Hothouse products find their way to stores, galleries and homes from North America to Korea. Saudi Arabian and Israeli buyers love them and they're selling in Milan and Japan. Sales have roughly doubled every one of the last five years, while the company's unique style has been featured in major North American publications (*The Robb Report*, *The Globe and Mail*), television studios (the ABC set for the World Figure Skating Championships that were held in Edmonton last year) and sitcom sets (*Suddenly Susan*, *The Single Guy*). Hothouse won a prestigious Canadian Virtu design award in 1996 for an innovative piece called the Beavertail Rocker.

The five partners own an Edmonton retail store in Commerce Place and have plans to open more, even as they struggle to keep their growth cautiously slow and steady. "This company has so much potential and we have so many ideas we want to execute, it's tough to hold yourself back sometimes," Sharp says.

"I'm pretty happy with our level of design ... it's exciting to see that. And it doesn't hurt to see your pieces in the *New York Times*." — Sue Hoffart

IN MEMORIAM

The Alumni Association notes with sorrow the passing of the following graduates:

Helen Jeannette Raver '21 BA, of Cochrane, AB in December '96

Annabel Banks (Raver) '24 BA, '28 BSc(Nu), of Cochrane, AB in July '96

Donald Charles Bryden '26 BA, '28 BSc(Eng), of Winnipeg in June '96

Ada Alberta Lent '29 BSc(HEC), '57 MED, of Edmonton in November '96

Kathleen Florence Pearpoint (McConkey) '29 BA, of Calgary in June '96

John Mason Chant '30 BCom, of Maple Creek, SK in March '96

Clive Wilson Stephens '30 MD, of Victoria in November '96

Margaret Dorena Flewelling '31 BA, '34 Dip(Ed), '51-BEd, of Edmonton in November '96

Marjorie Jean Sissons '31 Dip(Nu), of Enderby, BC in March '97

James George Strachan '31 LLB, of White Rock, BC in November '96

Grace Blain Taylor '31 BA, of Edmonton in January '97

Norma Berenice Eaglesham (Baker) '32 BA, of Red Deer in March '97

John Arthur MacLennan '32 LLB, of Burnaby, BC in November '96

Helen Marguerite Harrington (Faulks) '33 Dip(Nu), of Edmonton in November '96

Laura Gile Humber (Allyn) '33 BSc(Nu), of Calgary in January '96

Jack Smolensky '33 BCom, of Calgary in July '96

Jack Broughton McConnell '34 BSc(Eng), of White Rock, BC in January '97

Anne Elizabeth Cornett (Hind) '36 BSc(HEC), of Calgary in January '97

Mitro Michael Sereda '36 MD, of Escondido, California in December '96

Margaret Louise Simpson (Clayton) '36 BSc(HEC), of Comox, BC in December '96

William Spooner Elliott '37 BSc, of Abbotsford, BC in December '96

Edith Katherine Fryers (Hughes) '37 BA, of Edmonton in September '96

Luther Goodwin '37 BA, '45-BEd, '48 MED, of Calgary in January '97

Orlough Paul Thomas '37 BSc, '49 BEd, of Tofield, AB in October '96

Helen Mae Webb (McPherson) '37 BSc(HEC), of Victoria in January '97

Robert Reginald Britton '38 BSc(Eng), of Victoria in September '96

Jack Ernest Brown '38 BA, of Ottawa in January '97

Joseph Moscovich '38 DDS, of Lethbridge, AB in November '96

George Ross '38 BSc(Eng), of West Vancouver, BC in November '96

Nellie Marie Bunney '39 BSc(Pharm), of Leduc, AB in March '97

Frances Lillian Patterson (Adams) '39 BA, of Mission, BC in April '96

IN MEMORIAM

Michael Rossi '39 BSc, '40 MSc, of Hayden, Idaho in September '96
Edith Cavell-Sullivan (Gershaw) '39 BSc(HEC), of Saint John, NB in June '96
Lawrence Norman P. Winter '39 Dip(Pharm), of Oliver, BC in July '96
Margaret Helen Fowler (McFadzean) '40 Dip(Nu), of Abbotsford, BC in January '97
Alfred William Farmilo '41 BSc, of Sidney, BC in November '96
David James Moffat '41 MD, of Edmonton in April '97
Harold Malam Wingfield '41 BA, of Duncan, BC in January '97
Robert Pringle Galbraith '42 BA, '43 LLB, of Calgary in July '96
James Walter Hemstock '42 BA, '44 MD, of Lloydminster, AB in January '97
Frederick Alexander Kidd '42 BSc(Eng), of Cochrane, AB in March '97
Douglas Archie Pettigrew '42 BCom, of Surrey, BC in August '96
David Whitfield Elves '43 BA, '47 BEd, of Calgary in December '96
George Ernest Poole '43 BSc(Eng), of West Vancouver, BC in March '97
Donald Alex Sinoski '44 BSc(Eng), of North York, ON in October '96
John Norman Willson '44 BSc, '47 MSc, of Calgary in March '97
Edwin Theodore Nepstad '45 BA, '49 BEd, of Victoria in January '97
Kenneth Douglas Galloway '46 BSc(Eng), of Fort Saskatchewan, AB in February '97
Marjorie Patricia Sedgwick '47 BSc(HEC), of New Westminster, BC in October '96
William Lloyd Thompson '47 BEd, of Edmonton in March '97
Harold Herbert England '48 BSc, '52 MD, of Edmonton in April '97
Stanley Philip Hauck '48 BSc(Eng), of Calgary in January '97
Samuel Roy Soldan '48 Dip(Pharm), of Kelowna, BC in November '96
William Grahame Thomson '48 BCom, of Edmonton in August '96
Kenneth John Torrance '48 BEd, of Camrose, AB in December '96
Allan Byrne Armstrong '49 BSc, '53 LLB, of Red Deer in March '97
Gordon Orville Bain '49 BSc, '51 MD, of Edmonton in December '96
John Munroe Barclay '49 BCom, of Calgary in October '96
Walter Kenneth Barr '49 BSc(Ag), of Ottawa, ON in October '96
Edward Hewko '49 Dip(Ed), of Edmonton in February '97
Chalmers Taylor McNichol '49 DDS, of Calgary in May '96
Ian Wallace Campbell '50 BSc(Eng), of Victoria in October '96

became a partner in the Edmonton law firm Cruikshank Karvellas. She is currently involved in a bid to bring the 1999 World Swimming Championships to Edmonton.

Karen Lemiski, BA, is an academic associate with the Center for Medieval and Renaissance Studies at Arizona State U. She manages the production of their publications of medieval and Renaissance texts and studies.

Tena Siebenga-Valstar, MEd, was married in early 1996 and recently moved to Fort McMurray, Alberta to join her husband. She is working on her doctoral dissertation and is part-time principal of Fort McMurray Christian School.

'88 Robert Allen, BSc(Eng), was recently transferred to Cordoba to work as the manufacturing manager for Chrysler Argentina, which will be producing the Jeep Grand Cherokee.

Susan Colbert, BSc, obtained her commercial helicopter license after graduation and has "been flying ever since and loving it." She works for the Canadian Coast Guard in Prince Rupert, B.C. and writes, "I wonder from time to time how and what my U of A classmates and instructors are doing!"

Deborah Ibach, MD, '86 BMed, recently completed a radiology residency in Winnipeg.

Doreen Sauderson, LLB, recently became a partner in the Calgary law firm Atkinson Milvain.

Scott Watson, LLB, heads the corporate/commercial law area of Ackroyd, Piasta, Roth & Day in Edmonton.

'89 Darren Bieganeck, LLB, and **Bruce King**, BA, LLB, recently became partners in the Edmonton law firm Cruikshank Karvellas.

Anna Hogan, BSc(Nu), spent more than seven years as a pediatric cardiology nurse at the U of A Hospitals. She is now exploring new challenges as a rural nurse in Drumheller, Alberta.

Kathleen Londry (Wiggins), 'BSc, '93 MSc, of Sunnyvale, California recently obtained a PhD in microbiology from the U of Oklahoma. She is now married and works at NASA Ames Research Center.

Kevin Smith, BSc(Eng), is manager, shipper services with the Calgary-based company Express Pipeline.

'90 Marjorie Cayford, BA(RecAdmin), spent six years as program coordinator for Athabasca Re-



Brian McGugan, '87 BFA, is the first-time director of the short film *Motifs and Repetitions*, which had its world premiere this past March in Vancouver and was shown in Canada on the Bravo! television channel in April. The film, adapted from the award-winning stage play of the same name by B.C. writer C.E. Gatchalian, is about "two men and two women, all motivated by fear and jealousy, who manipulate one another into emotional oblivion. But in an upbeat sort of way," says Brian. In true independent fashion he financed the film on his credit card. Brian is now based in Vancouver as an actor, director and producer for film, stage and television as well as an accomplished playwright. (Visit the film's web site at www.imag.net/~goog.)

gional Recreation. She recently returned to Edmonton to become director of community referrals at the Volunteer Centre of Edmonton.

Robert Friedland, LLB, a Victoria lawyer, was recently elected to a second term on city council and has been appointed to the Medical and Health Care Services Appeal Board of B.C.

Kevin Lantz, BA, recently received the degree *Maîtrise en sciences de l'environnement* from the Université de Québec. He spent a year working in Montreal for the environmental education group Enjeu, and is now in Paris working on a project for Réseau Action Climat - France.

'91 Susan Boyetchko, PhD, '82 BSc(Ag), '86 MSc, completed a post-doctoral fellowship with Agriculture and Agri-Food Canada, conducting research on biological control of weeds. She is now a research scientist in Saskatoon studying biological control through soil bacteria and fungi.

Nim Chi (Rebecca) Chan, BCom, has worked for Macau Ports and Telecommunications for the past five years and is now the senior controller in charge of international affairs and planning.

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Gail Edmunds, MEd, and **Alan Edmunds**, '93 PhD, live in Antigonish, Nova Scotia where Alan is an assistant professor in the Department of Education at St. Francis Xavier U. They have two daughters and are "enjoying small-town life."

Darren Grosky, BEd, and **Kjirsten Hoveland-Grosky**, '93 BEd, of Sedgewick, Alberta, welcomed a daughter in 1996. Darren is pursuing his MEd in coaching studies at the U of Victoria.

David Wagner, BEd, and **Carolyn Wagner (Neufeld)**, '92 BA, and their daughter are on a three-year assignment in Bulembu, Swaziland with the Mennonite Central Committee. Carolyn is working as a librarian and in community development, and Dave is working as a teacher.

Joseph Wansink, BSc, is an educational consultant for the United States Surgical Corporation.

William Yung, BCom, has joined the firm Colliers Jardine in Hong Kong as manager of its investment sales department.

'92 Karin Buss, LLB, the silver medalist in her graduating class, now practises aboriginal and environmental law with the Edmonton firm Ackroyd, Plasta, Roth & Day.

Clement Lavoie, BCom, was recently appointed a director of UMC Financial Management Inc. of Edmonton.

Paul Samboryk, BA (RecAdmin), and **Christine Kroening**, '96 BSc(OT), '92 BA, live in Edmonton. Christine is an occupational therapist at Alberta



A collaboration that began when **Michael Phillet**, '67 BA, and **Rod MacIver**, '79 BA, first met on the U of A campus nearly 30 years ago has resulted in some Magic Music. That's the name of the song-writing and performing duo the two formed that has led them across Canada and won grants from the Canada Council and Ontario Arts Council. Over the years many of their songs have been recorded by other artists, but Magic Music recently released its first CD, called *Dark to Light* (to order, call 1-800-563-7234), which also features a number of other notable Alberta musicians.

Hospital in Ponoka, and Paul is an employment counsellor with the Edmonton YMCA Enterprise Centre. "We were both lucky enough to find jobs right after graduation and are glad we had the chance to stay in Edmonton."

'93 Ronald Liteplo, MBA, '70 BA, '74 LLB, is general manager of the newly-created Corporate Services Department of the City of Edmonton. Previously, he was the city solicitor. "Delighted that all the hard work in the MBA program has borne fruit," writes Ron.

Marlyn Roberts (Lyall), MLIS, '81 BA, is an assistant director at the John M. Cuelenaere Public Library in Prince Albert, Saskatchewan.

'94 Jonathan Colpittis, BCom, is a transportation and exchange analyst in the Northern Virginia office of Washington Gas Energy Services. He and his wife have two children.

Sarah Gale, BFA, is an actor appearing in the Canadian play *Sex Tips for Modern Girls* at The Canal Caf Theatre in London, England during May and June.

Atma Persad, BSc(PT), is enrolled in the MD program at the U of British Columbia. Previously, he was a physiotherapist at the Pacific Coast Rehabilitation Centre in North Vancouver.

'95 David Brisbin, BEd, spent several months travelling and teaching in Australia, New Zealand and Fiji after graduation. He is now studying at Palmer College of Chiropractic in Davenport, Iowa. He received an academic International Student Scholarship to study at Palmer, where he is a dean's list student.

Laureen Garteig, MNU, is a faculty member at Malaspina U College in Nanaimo, B.C., teaching in the collaborative nursing degree program.

'96 Erna Luger, MEd, lives in Peace River, Alberta, where she teaches English and communications at Fairview College in both the upgrading and business departments. ➔

IN MEMORIAM

Richard Chiverton Cardy '51 BSc, of Vancouver in February '97

Eva Limoges Robertson '51 BA, of Calgary in September '96

Evelyn Frances Silk '52 BEd, of Edmonton in March '97

William Stanley Baranyk '53 BSc(Ag), '61 BSc(Eng), of Mannville, AB in January '97
Audrey Anne Freiman (Chegwin) '53 Dip(Ed), '69 BEd, of Wetaskiwin, AB in November '96

Elsie Melax (Chomay) '54 BSc(Eng), of Edmonton in January '97

Wendell Wilson Wolfe '54 BSc(Eng), of Victoria in November '97

Charles Eric Borm '55 BCom, of Calgary in July '96

Wallace Keith Broen '55 BCom, of Edmonton in October '96

Kenneth Stanley Hayhurst '55 BSc(Pharm), of Calgary in June '96
Steve George Kalita '55 BEd, of St. Albert, AB in March '97

Ronald Osborne Brownlee '58 BPE, '60 BEd, of Calgary in December '96

Charles Ernest Stirling '58 BEd, of Victoria in December '96

Robert Arthur Bentley '59 BSc(Eng), of Toronto in March '97

Donald John Blake Marshall '59 BSc(Eng), of Atlanta, Georgia in April '96

George Douglas Mattson '60 BEd, of Camrose, AB in March '97

Elvin C. Dayman '61 BEd, of Calgary in November '96

Kenneth Sobkowich '61 BSc(Eng), of Mandeville, Louisiana in January '97

Harry Earl Armstrong '62 BSc, of Red Deer in December '96

Emeric Fahlman '62 BEd, of Maquequa, Peru in August '96

Marilyn Margaret Johnston (Pound) '62 Dip(Nu), of Carstairs, AB in April '97

Lawrence Wilbert Leisen '62 BCom, of West Bank, BC in September '96

Mary Vivian McDonald '63 BEd, of Cochrane, AB in December '96

William Arthur Adams '64 MEd, '73 PhD, of Spruce Grove, AB in November '96

Carol Estelle Smith (Strong) '64 BSc(Nu), of Ottawa, ON in November '96

Doris Rosa Likness (Gourlie) '65 BEd, of Camrose, AB in September '96

Lloyd Donald Nichols '65 BSc, of Lansdowne, ON in March '97

Leslie Katheryn W. Gillespie (Brygadyr) '66 BSc, of Edmonton in December '96

Allan Forbes Mant '66 BEd, of Edmonton in March '97

Borghild Meakins (Bruhaug) '66 BEd, of Edmonton in February '97



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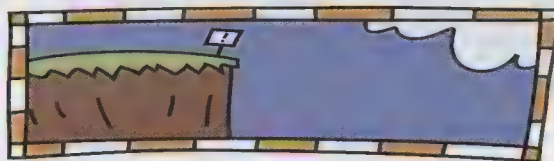
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IN MEMORIAM

Ralph Mitchell Melnychuk '67 BA, '69 MA, of Edmonton in December '96
Ronny Roger Babiuk '68 BSc, '78 Dip(Ed), '82 MEd, of Wetaskiwin, AB in December '96
Marjorie Marlene Blake (Kyle) '69 BSc(Nu), of Peace River, AB in December '96
Dennis John Frederick Maxwell '69 BSc(Eng), of Saanichton, BC in August '96
Joseph Harasym '70 BEd, of St. Paul, AB in January '97
Susan Geraldine Harris (Feduik) '70 BSc(Pharm), of Mayerthorpe, AB in January '97
Robert Lee Johnson '70 BA, of Calgary in May '96
Harry Gust Karolat '71 MEd, of Saskatoon, SK in November '96
Mary Evelyn Rae Tompkins '71 BEd, of St. Albert, AB in January '97
Randolph Stephen Sinoski '74 BSc, of Edmonton in January '97
Zuzana Hedvika Bartosek (Schmidtova) '75 BA, '80 MA, of Edmonton in November '96
Marguerite Marie Henderson (Chauvet) '75 BEd, of Edmonton in March '97
Harriett Mary Schurman '75 BEd, of Sherwood Park, AB in February '97
Catharine Jean Brook (Gillespie) '76 BEd, of Kitchener, ON in March '97
Debra Jean Blayney '79 BSc(Spch&Aud), of Calgary in January '97
Arthur Edward Mellom '79 BSc, of Red Deer in January '96
Karl Eric Kruper '80 BSc, of Vancouver in December '96
Neita Marlene McEachern '81 BA, of Cochrane, AB in November '96
Mary Margaret Schoeneberger (Feyerisen) '81 PhD, of Halifax, NS in December '96
Robert Lowell Hamilton '83 BEd, of Sherwood Park, AB in December '96
Claude Gordon Lienau '86 BSc, of Edmonton in April '97
Gerald Steven Swersky '86 MBA, '87 LLB, of Edmonton in January '97
Michael James Hutchison '87 BSc, '91 MD, of Edmonton in March '97
Susan Frances Thomas (Liesner) '87 BCom, of Edmonton in January '97
Barbara Ann Mensch '88 PhD, of Edmonton in February '97
Susan Katherine Fisher (Duncan) '89 BA, '91 BEd, of Edmonton in March '97
Philip Evan Craddock '91 BA, of Edmonton, in March '97
Benedict Patrick Dawson '91 BEd, of Edmonton in January '97
Calum Douglas Farmer '92 BEd, of Peace River, AB in January '97
Kent Michael Holden '93 MSc, of Edmonton in December '96
Lisa Lynn Leinweber '95 BSc(OT), of Calgary in November '96 ■

Your House

Welcome to the renewed, refurbished Alumni House.

The former residence of three University presidents, it has been a meeting and event facility since 1980. Last year it was expanded and improved with \$250,000 raised from friends and partners of the Alumni Association.

Alumni House is your house. It is available to alumni and the public for wedding, party, meeting and conference bookings. Call 492-2439 for rates and information.



Alumni House's living room (shown here), dining room, boardrooms, upstairs meeting rooms, and basement can accommodate groups of up to 200. The house also has an expansive brick patio in the backyard, with a large built-in gas barbecue.



The Alexander Boardroom can seat up to 30 people at its spacious board table. The room is named for The Alexander Consulting Group, one of the Alumni Association's affinity partners.

Previous years' inductees on the Alumni Wall of Recognition are displayed in The Alexander Boardroom.

Meloche Monnex Hall is a well-appointed meeting room that comfortably seats up to 10 people. It is named for Meloche Monnex Insurance, the company that supplies group home and auto insurance to University of Alberta alumni as part of the Alumni Association's affinity program.



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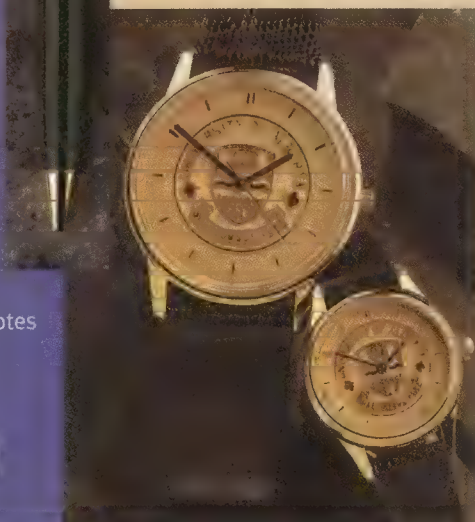
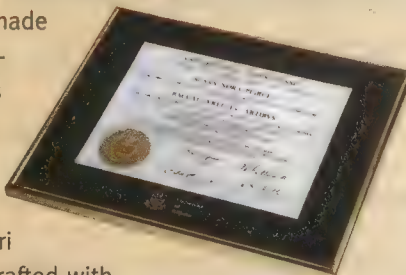


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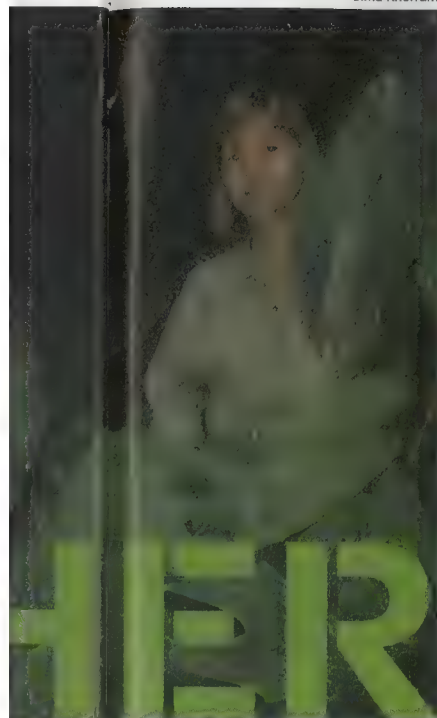


Canada's top primatologist

By Rick Pilger

Linda Fedigan has a preoccupation with success. Not her own, though. Personally, she is just as happy to blend into the background, the observer rather than the observed – which is a rather salutary trait for a primatologist. And that is what she is, one of the best. Fedigan, who has taught anthropology at the University of Alberta since 1974, is widely considered Canada's leading scientist studying nonhuman primate behavior. In April of this year her stature as a scientist was recognized when she was awarded one of the University's Kaplan Research Prizes – an honor that places her in the very top echelon of researchers associated with the University of Alberta. Despite her many accomplishments, Fedigan is content to keep a low profile – a predisposition, one suspects, but also a habit. The best primatologists, says Fedigan, are well disciplined at sinking into the landscape, people who enjoy watching a scene rather than being a part of it.

Sima Khorrami



ist

OBSERVED

For the past 25 years Fedigan has observed primate societies around the world – in St. Kitts, Guatemala, Costa Rica, Texas, and Japan – seeking to understand the success of females carrying out their lives in the social company of males. A longtime focus of her work has been reproductive success, and she is recognized internationally as one of the major authorities on the life history and reproductive patterns of female primates.

Since early in her career Fedigan has interwoven her animal research with an interest in the involvement of females in science. She was the first scholar to examine both the images of women found in theories of human evolution and the role of women scientists in constructing these images. In recent years, this interest has led her to examine the factors related to successful female participation in science.

Fedigan is also a popular teacher, one whose former students are following in her footsteps at research sites and schools throughout the world. One of these is **Mary McDonald Pavelka**, '88 PhD, now an associate professor of anthropology at the University of Calgary. Pavelka says that she found out how famous her supervisor was once she left Fedigan's tutelage and ventured out into the world: "On countless occasions I would hear 'Alberta... Ah! Fedigan. Right?' and doors would open and opportunities would present themselves."

Perhaps because anthropologists could be thought to be above any culturally-based superstition about numbers, the Anthropology Department at the University of Alberta is located on the 13th floor of the Henry Marshall Tory Building on campus. Encountering Fedigan here, it is difficult to visualize this carefully groomed, rather formal woman as someone at home in the rough-and-tumble of a remote field site, but she has spent much of her life in the field and returned from the tropical forests of Costa Rica only days before the Kaplan Prize ceremonies on 9 April 1997.

The new Kaplan laureate slips easily between her life as a field researcher and her existence on campus but prefers to keep a clear separation between the two. "I really have two personas," she says. Common to both is her tendency to avoid the limelight. Indeed, as she discusses her work and herself, she is articulate and cooperative but perhaps not entirely comfortable. Interviews, it seems, are not something she is fond of. Had she been, her career might have turned out differently.

Fedigan was planning to become a cultural anthropologist when, as a research student working on a faculty member's project at the University of Texas – a study exploring women's attitude's toward sex –

she had to interview women who read romance novels. At the same time, she was observing primates in the zoo. Weighing the two pursuits, Fedigan decided that she preferred the observing to the interviewing, and the monkeys won out.

"I was first drawn to anthropology and later to primatology, because of my abiding interest in sociality," says Fedigan. How and why, she wanted to know, do males and females manage to live together in social groups? An unusual characteristic of primates, compared to other mammals, is that males, females and their offspring all live together on a year-round basis. "This is true in almost all 250 primate species," says Fedigan, who points out that in most mammals, the sexes only get together to mate. In primates, they're together for the duration.

While Fedigan began her formal study of anthropology at the University of Texas, where she earned bachelor's, master's and doctoral degrees, she brought to that pursuit a lifetime of preparation. Born in Oklahoma into a military family, she moved often growing up. In each new locale she had to learn the lay of the land, the underlying relationships, who was dominant, and what the ethos – the distinguishing values, rules, and beliefs – of the community was.

That's very much what she does with primate communities now, but with really only one tool: observation. "We can't talk to animals and say, 'Oh, this is a nice group. Is that your mother?' You have to spend time and observe," she says. "It's almost as if when you start out you rough-sketch your ideas of how the group works, and with every study you fill it in a little more until you have a good picture of how it all works."

The Kaplan laureate's approach to her science has been influenced by an early cross-cultural experience. "I had the good fortune at the beginning of my career of working with Japanese primatologists who – unlike many North American primatologists – share their data, work as a team, and take a long-term view," recalls Fedigan. "From them I learned the value of a longitudinal, collaborative approach that I have applied to all my research."

The involvement with the Japanese researchers came about through an international project to study a large population of Japanese primates known as the Arashiyama monkeys. The project has been in progress since 1954, making these Japanese macaques one of the longest studied groups of animals in the world. The research began in Japan, but in 1972 the macaque colony split in two and one of the splinter colonies (the one that had extended its territory into the suburbs of Kyoto and was aggravating the locals) was relocated to south Texas – Fedigan's backyard at the time.

Fedigan says:



You can't just look at the behavior of monkeys and make assumptions about humans ... because they look like comic imitations of humans we expect them to act like humans.

From a quarter of a century of studying the Arashiyama monkeys, Fedigan has drawn many important conclusions about female reproductive success. To begin with, she has found dominance – high rank in the hierarchy of strength and influence – to be much less important than might be thought. “For whatever reason, primatologists at one time attributed just about everything to dominance,” says Fedigan. But she has found that, while dominance can be important on a shortterm basis, over time it fluctuates too often and too unpredictably to play a significant role in lifetime reproductive success.

It turns out that reproductive success for female macaques can be summed up by the old maxim “slow and steady wins the race” – a finding “quite different from what we had expected in theory,” says Fedigan. Female macaques that start reproducing early and give birth every year die early themselves and suffer high infant mortality rates. Those that have their first infant at six years of age, give birth approximately every two years, and live to be at least 23 years of age are most successful at leaving offspring. Three out of four of their young survive.

In her 1989 book *Primate Visions*, author Donna Haraway devotes an entire chapter (coincidentally the 13th) to the impact Fedigan has had on the way in which primatologists think about their science. In doing so, Haraway points out Fedigan’s “insistence on seeing primates – people and animals – as complex co-actors in the crafting of knowledge at par-

ticular historical moments.” It is recognition that observations take place through a filter: what we see depends on who we are and what we are looking for.

The first primatologists saw societies in which the males were always front and centre, and the early literature of primatology is replete with references of males “owning” or “possessing” the females. However, a new picture has emerged. As data from around the world has accumulated, it has shown something quite different: a network of related and cooperating females forming the abiding core of most primate societies.

“The thing with monkeys is that you first notice the males. They’re larger, they’re more aggressive, you’ll see them fighting...” says Fedigan. But while the males are important when they are on stage, they typically play cameo roles. “They come and they go,” says Fedigan. It is almost always the females who form the “enduring network” of the social group – and they are quite capable of looking after themselves, she says.

In the early 1980s Fedigan compiled her work and observations in a volume entitled *Primate Paradigms: Sex Roles and Social Bonds*. Originally published by a Canadian press and later republished as a second edition by the University of Chicago Press, *Primate Paradigms* has sold several thousand copies and become a standard primatology reference. It was the first detailed examination of the role of female primates in the social life of primate groups and, although it was not intended as a textbook, it has been used – and continues to be used – as such by teachers of primatology across Canada and the United States.

The book was something of a watershed for Fedigan. “Once I had fully comprehended how well female primates who live in matrilineal groups can take care of themselves, my students and I began to shift from examining *how* females live in the social company of males, and we began to address the question of *why* they live their lives in the social company of males,” she says.

In the northwest corner of Costa Rica, tucked between Lake Nicaragua and the Pacific coast, is Santa Rosa National Park. It is here that Fedigan came to address the question of why self-reliant females choose to live in the company of males. In 1983 with the cooperation of the Costa Rican government she established a field site for the study of the three monkey species in the Park – capuchins, spider monkeys, and howler monkeys.

Working primarily with the capuchins, Fedigan set about learning why female monkeys in matrilineal societies associate with males on a year round basis. “It seemed to me that we needed to find out how males are beneficial to females and their young and in what ways they are a liability,” says Fedigan.

There were obvious costs for females living in company with the males. Males often supplanted females from food and frequently behaved aggressively toward them. On the other hand, male primates – and especially male capuchins – are notable for their vigilance against intruders and their protective, parental behavior toward infants.

To quantitatively explore the costs and benefits for female capuchins living with



It's the whole issue of anthropomorphism. We have to be careful not to assume that because it looks like what we do, that they do things for the same reasons that we do.

males, Fedigan and her students compared the rate of costly or detrimental behaviors performed by males to the rate of detrimental behaviors performed by other females. They also looked at the other side: the comparative rates of positive behaviors. Their finding: for a female capuchin, resident males both impose greater costs and confer greater benefits than do other females.

"In short," says Fedigan, "male capuchins make great hired guns – not essential to female survival but, on balance, they are beneficial."

At about the same time that she began working in Costa Rica, Fedigan decided to tackle a question she had been shrugging off for some time: "Why are there so many women primatologists?" It was part of an awakening interest in the relationship of a researcher's gender and his or her practice of science. "I realized that I had spent my career thus far studying success in female animals without reflecting upon my participation in a science that many people regard as a success story for women," she recalls.

With her characteristic careful attention to detail, Fedigan first set out to see if there really were more women in primatology than in other sciences. She found that question much more difficult than might be expected – measures that seemed straightforward at first glance often proved to have hidden pitfalls. However, based on studies of the comparative numbers of males and females in various professional societies, Fedigan has found that there is a high degree of female participation in primatology (almost 50 per cent of the professional

society members were women). That's a participation rate slightly greater than in primatology's parent disciplines – anthropology, psychology, and animal behavior – and considerably higher than in disciplines that could be considered analogous – such as the study of birds, or insects, or other mammal groups.

Digging beneath the surface of these figures, Fedigan has come up with a number of factors that she believes contribute to this success story of female participation in science. And from these she has distilled some "take-home" lessons for those who would like to see more women participate in other scientific disciplines.

The first of these is the importance of strong female role models. Many early field workers in primate studies were women anthropologists. "Someone studying to be a primatologist today could not help but be aware of the numbers of women who already have been successful in this science," she says.

Male mentors are also important. "If we track the history of women working in various sciences... we find larger proportions of women during and immediately after time periods in which important male scientists believed in training female graduate students," says Fedigan.

A third factor, she says, is the media's portrayal of scientists. Through the media, women primatologists have entered the living rooms of North Americans – television talk shows, news and nature programs, magazines, daily newspapers, even popular cartoons, have provided portraits of female primatologists.

"Many of the newest generations of

women primatologists talk about the positive effects on them as children of seeing National Geographic coverage of Jane Goodall, Dian Fossey and Birute Galdikas," says Fedigan.

But perhaps most important of all, she says, is the atmosphere of goodwill toward women and women's issues that has characterized the recent history of primatology. For the past two decades primatologists have redressed their earlier preoccupation with male behavior by focusing on females and on relations between the sexes. And that, says Fedigan, creates a "conducive intellectual atmosphere" in which both research by women and research on females can flourish.

Having seen the importance of mentors and role models, Fedigan has recently begun tracing the intellectual lineages of primatology. "You'll find that, for some reason or another, some people end up training a lot of students... they supply a vast majority of the professionals who are in the field. That interests me," says the Kaplan laureate. (She has herself been described as a "second-generation Washburn" primatologist, recognizing the place in her intellectual lineage held by Sherwood Washburn, an early proponent of comparative analysis in physical anthropology.)

While her interest in studying the broader issues of science and society has opened doors to research that she is anxious to pursue, Fedigan has no intention of neglecting her work with primates: it is the landscape from which she can observe the interplay of science and society. "I'll never leave primatology," she says. "That's what grounds me." 🐒

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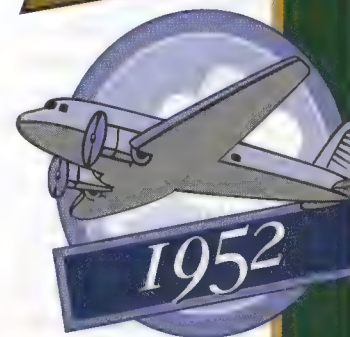
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MARVELLOUS MIRKA

For two years in a row now she has been the Player of the Year in Canadian university women's volleyball. And she was a huge part of the Pandas' third consecutive national championship, which they won in March at home in Varsity Gym. But Miroslava Pribylova – known to Panda fans simply as "Mirka" – almost had to watch from the sidelines.

With the national championship tournament just over three weeks away, the third-year Physical Education student tore the major stabilizing ligament in her left knee. Her season was over, said the medical people.

They hadn't reckoned with Mirka's determination. "I just couldn't imagine myself sitting on the bench for the finals," recalls the Panda setter. And she didn't. When the national finals tournament got underway, there was Mirka at centre court with a green and gold brace on her leg. Not 100 per cent, certainly, but cool and canny as ever.

The Czech-born athlete had worked hard every day with physiotherapist Peter Friesen of the Glen Sather Sports Medicine Clinic to make the miraculous comeback. Friesen, who has worked with hundreds of high-performance athletes (he's the strength coach for the Hartford Whalers hockey team and has been associated with various Canadian national teams), has never seen anything like it.

"It's one of those hero stories," he says. "With her desire, she should be able to accomplish anything in life she sets her mind to." Right now Mirka, who is well on her way to a complete recovery following surgery, is focused on obtaining Canadian citizenship. She would like nothing better than to compete for Canada in the 2000 Olympics. ➤





QUADRIVUM

A Checkered Past

Can computers finally conquer humans at chess and checkers?



For most people, playing computer games at work is a no-no.

Jonathan Schaeffer and Murray Campbell, '79 BSc, '81 MSc, play computer games for a living – but instead of joysticks and firefights they use algorithms and heuristics. They work with the tools of artificial intelligence to develop computers that can beat humans at board games that are not as simple as they might seem.

Schaeffer, a computing science professor at the U of A, is the human face behind Chinook, the computer program that is the World Man-Machine and World Computer Champion of checkers. Campbell, an IBM research scientist, is part of the team behind Deep Blue, the computer that takes on the human world chess champion in early May 1997 in a hotly-anticipated rematch. At stake in that match is more than \$1 million in winnings. The even higher stakes are the potential applications of machine learning to help solve a wide variety of human problems.

Start at square one

Playing games to explore artificial intelligence is like breeding fruit flies to learn about genetics, Schaeffer says: you've got to start simple. "I started this project many years ago with visions of conquering the world ... or at least the game of checkers," he says. For more than 20 years researchers had mistakenly thought checkers was a "solved game" – one at which computers had been decisively shown to be better than humans. Schaeffer, who had worked on a successful chess-

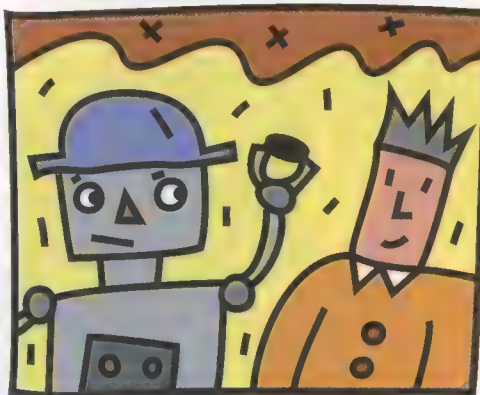
playing program for several years, discovered that the book had been erroneously closed on checkers after one win by an early computer program over a mediocre human player in the early '60s.

"Games like chess and checkers have succeeded [in machine learning] because they depend on search, and not as much on knowledge," explains Schaeffer. He's the author of a recent book called *One Jump Ahead: Challenging Human Supremacy in Checkers* (published by Springer-Verlag) about Chinook's development by a U of A research team including computing science staff Rob Lake, '79 BSc, '90 MSc, Duane Szafron, and Joe Culbertson. When the computer played and won its first major tournament in 1989 it had been programmed with a search base of seven million positions – positions which the computer could instantly assess as leading to a win, loss, or tie. Now, Chinook has nearly 500 billion positions in its search base. After selecting a strong opening move from the vast database programmed into its memory, the computer is essentially able to play a flawless game as it waits for the inevitable: human error.

Because of fatigue, emotion, or bad judgement, people make mistakes that computers cannot – unless their human programmers inadvertently introduce bugs into the software or the hardware fails. (Schaeffer writes

in his book of being haunted by the memory of Chinook's failure to perform in a 1992 match, for unknown reasons – possibly because of bug, or because of an overheated room.) But the human mind has certain advantages over the microchip: the intangible qualities of intuition, experience, and creativity.

These qualities were embodied in the longtime world checkers champion, the late Marion Tinsley, a Baptist minister and mathematics professor in Florida who was, by



Schaeffer's own account, a perfect gentleman and a rare genius. "He could recall specific moves in specific checkers games he had played 40 years before," says Schaeffer, and had lost only a handful of games in his career before meeting Chinook. So awed were Tinsley's opponents and so handily did he normally beat them, that the first time he played against Schaeffer's audacious creation Tinsley said, "I feel like a teenager again." He actually resigned his world checkers title in 1992 in order to play an unsanctioned match against Chinook. (Tinsley won, four games to two.)

Schaeffer has allowed tarnish to gather on Chinook's 1994

World Checkers Championship trophy because he feels it's a tarnished victory. (After playing six games against Chinook, all draws, Tinsley resigned due to illness. He died of cancer a year later.) Chinook has never lost to the current world checkers champion and is now formally retired from tournament play. Is checkers now a solved game? According to Schaeffer, "We think Chinook is capable of beating any human player at checkers...but without Tinsley, we'll never really know."

The king of chess

Gary Kasparov is an equally formidable opponent. The charismatic 33-year-old Azerbaijan-born world chess champion projects an intense, laser-like gaze over a chess board that would make anything less than a 1.4 ton computer quake. From May 3-11 Kasparov and Deep Blue meet again at the hotly-anticipated IBM Chess Challenge Rematch (you can visit the web site for the match at www.chess.ibm.com) in New York City. When they met in 1996, Deep Blue took one game but Kasparov won the match. The champion – who has encountered few human challengers rivalling his skill over his 11-year reign – was heard to say with relish that the computer seemed to be thinking "strategically."

That pleases Murray Campbell, part of the original team of graduate students at Carnegie-Mellon University that developed Deep Blue's prototype, Deep Thought. Campbell, who now works in IBM's T.J. Watson Research Centre in Yorktown Heights, New York, says he acquired his interest in computer chess at the U of A. "My master's thesis advisor was [U of A computing science professor] Tony Marsland, who has been active

in computer chess research for many years." While Campbell has been involved with most aspects of Deep Blue, he spends most of his time on the function that assesses the strength of various chess positions.

Deep Blue's 32 processors are capable of examining 200 million chess positions each second, compared to about two moves per second for the human mind. In addition, it has been programmed with "knowledge" about the game of chess, including thousands of evaluation rules that help it assess the strengths and weaknesses of the different pieces in various board positions. Its raw computational power has been roughly doubled since last year's match against

Kasparov, who nonetheless has said, "Chess gives us a chance to compare brute force with our abilities. In serious, classical chess, computers do not have a chance in this century."

Playing games is one thing; more important are the applications that advances in machine thinking could have on solving other complex problems. For instance, Deep Blue's development has been part of research to make computational models that can be tailored to specific tasks, such as aiding in the formulations of new pharmaceuticals likely to have the desired effect on molecules in the human body. Some of the research that went into Chinook is being used by the Edmonton company

BioTools Inc. to do protein and DNA analysis. "Now that is a far cry from checkers!" says Schaeffer.

Deep Blue and Chinook have something else in common: both upstart programs can beat their makers. Campbell, a former Alberta junior chess champion, regularly loses to Deep Blue – even though he knows its weaknesses. Schaeffer, too, admits that he has never won against Chinook. (You can play Chinook on the Web at www.cs.ualberta.ca/~chinook)

Ultimately, humans will be the winners as science, technology and medicine benefit from knowledge discovered in the contest between man and machine. ➤



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Promoting the Print

Printmaking group has strong ties to U of A



he stairs leading to their work area in Edmonton's historic Great West Saddlery Building may creak, and it may be a struggle to make ends meet, but they believe in what they are doing. And nobody – but nobody – has a snappier acronym than does the Society of Northern Alberta Print-artists.

It's been 15 years since a group of artists, mostly graduates of the U of A's printmaking program, formed SNAP, and lately there has been considerable momentum developing at the non-profit society. "We're much busier than ever," says SNAP's chair **Mike Bowman**, '95 BFA. "A lot of energy has been generated as a result of the gallery we opened last year."

That gallery shares space with Latitude 53 Gallery on the main floor of the building. Up on the fourth and fifth floors, SNAP rents out 23 studios housed alongside a central print shop. Access to the shop is free to those who rent the studios; others must pay a modest usage fee. The shop is well equipped, capable of handling the common forms of printmaking – including etching, lithography, intaglio and relief, and silkscreening – but some of the equipment shows its age. A few pieces are hand-me-downs from the U of A printmaking division.

There are substantial ties between SNAP and the U of A. "We're like a little brother or sister to the University's printmaking division," says Bowman, who shows a younger sibling's pride in the accomplishments of the division, which has been identified as one of the University's 15 areas of excellence.

Besides supporting the work of professional print-artists, SNAP offers printmaking classes to the public.

Its outreach program brings printmaking into Edmonton-area schools, and it also does in-service workshops for high school art teachers.

"We're really pushing the educational aspect," says Bowman. As part of this thrust, SNAP is preparing teaching kits that include detailed printmaking projects suitable for class settings from elementary through to high school.

Because of the high cost of printmaking equipment, there are groups like SNAP all over the world. This fall Bowman's group will hold the International Print-artists Cooperatives Symposium, which will bring together people from similar artist-run collaboratives around the world. In June, SNAP will sponsor an exhibit of the works of seven contemporary Japanese print-artists – six of whom plan to attend the exhibit.

Athletes prove their prowess at international sporting events such as the Olympics; print-artists show their mettle at juried international biennales. Several SNAP members have brought home major honors from these prestigious venues. Recent winners include **Sean Caulfield**, '92 BFA, '96 MFA, *grand prix* winner at the 21st Century Print Biennale in Japan in 1994, and U of A professor **Walter Jule**, who won the superior class prize at the 10th Seoul International Print Biennale in 1996.

Both Caulfield and Jule are represented in the portfolio of prints SNAP has created to celebrate its 15th anniversary. The two-volume portfolio (10 prints per volume) features the work of 20 artists. Forty complete portfolios were assembled. Half went to the participating artists; the remaining 20 are being sold (or exchanged) to support programming. And there's no shortage of plans for the future: exhibitions, interpretive activities, catalogues, exchanges... maybe even hiring their first-ever paid staff member.

"There's a lot we'd like to do," says Bowman. ➤





TUCK SHOP

A Golden Touch

Cathy Roozen lends her business savvy to the University of Alberta Campaign

By Charlene Rooke



ABOUT

CATHY ROOZEN

At the Tuck Shop would order:

Coffee with cream and sugar,
a cinnamon bun

Last movie she saw:

The 1996 best picture Oscar-winner *Braveheart*. "That tells you how often I go to the movies!"

Last book she read:

Mothers of the Disappeared
by Jo Fisher
(she was inspired to read it by a recent trip to South America)

Can't live without:

husband Harold Roozen, '75 BCom;
Wheaten terrier Chester

A surgeon's precision was responsible for creating some prominent Edmonton fixtures. The Chateau Lacombe hotel, ITV television, and the Edmonton Oilers all derive from the precise business touch of the late **Charles Allard**, '43 MD. Surgeon, businessman, and entrepreneur, in 1969 Allard left an accomplished medical career to pursue a variety of interests spanning from broadcasting to banking to building.

His golden touch for business seems to have been passed on to the next generation of Allards. His six children have been involved in successful ventures

**"If you have your health,
you have a good education,
and you enjoy a good family
life, then I would say you are
successful."**

including film production, restaurants, law, broadcasting, and thoroughbred horse breeding.

And managing some of the family's diverse business pursuits is **Catherine Roozen (Allard)**, '77 BCom, the vice-president, investments of Cathton Holdings Limited. "If there's one thing I enjoy the most," says Roozen, who sees a broad array of business proposals and potential investments as part of her position, "it's probably the challenge of looking at new business ventures ... and then working with some really great people to try to make those work."

Although Roozen may have inherited a visionary business sense, her career has been built on her own credentials. "My father believed that I should learn business from the bottom-up," recalls the unassuming Roozen, her Wheaten terrier, Chester, lounging nearby in her south

Edmonton offices. Roozen landed her first job after university as a teller at the south Edmonton branch of North West Trust. "That was in the days when we posted the ledger cards by hand – there were no computers," she recalls, the memory bringing with it a smile.

She rose to the position of vice-president, investments for North West Trust, and since leaving that company has been a director of corporations such as the American Bank of Commerce in Phoenix and Shaw Communications, Inc. Besides Cathton's farming, real-estate development, banking, and broadcasting concern's, Roozen oversees the work of the Allard Foundation, a family legacy that has quietly been doing good work throughout Alberta for the last 15 years.

"Being in the broadcast business, we have tried, among other things, to support the arts," says Roozen, who was part of the successful Studio Theatre fundraising committee that recently raised more than \$200,000 to help University of Alberta drama students. "Some of the future talent for the broadcast industry is being trained at the University."

A passion for education

Roozen believes passionately in education – in fact, it is one of the qualities that balances her three-pronged definition of success. "If you have your health, you have a good education, and you enjoy a good family life, then I would say you are successful."

Her commitment to helping her community and in particular to supporting education convinced the normally low-profile businesswoman to accept a position as one of the three co-chairs of the University of Alberta Campaign. "If we want to keep our institutions, we're going to have to be prepared to support them," she says simply. "We have a great asset here in

this city and in the province. The city and the province need the University, but now the University needs the support of the public."

Roozen encountered a working example of the University's value to the community recently, when one of the companies in her sphere encountered a problem that was solved in consultation with some U of A chemists. "Most people have no idea of all the things the University does. I always say that it's like a city within a city."

And although the campus and student body are much the same size and shape today as they were during Roozen's university days, she remembers the University as a smaller, collegial place – although it didn't seem small as she and her contemporaries rushed across campus during registration week. "We used to have to line up, and go from building to building and room to room to register for the classes we wanted," she laughs. "But that meant that in the first week, everyone seemed to spend a lot of time working with their peers, getting together and talking about curriculum and class selection."

Roozen has other warm memories of her time at University, of the special places (CAB cafeteria, the Quad ...) and the people that define any institution. "I made friendships there that will last forever ... I met so many interesting new people. I had some personal tragedy while I was there – I lost my mother – and my peers were very supportive."

Helping ensure the future for coming generations of students is a new enterprise which Roozen welcomes to her portfolio. "I love coming to work because I learn and see new things every day. If I wasn't working I'd have to find something else challenging to fill my day. Because if you're not enthused and challenged, there's no incentive to get up each day." 🐾



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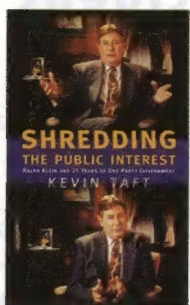
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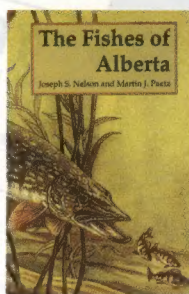
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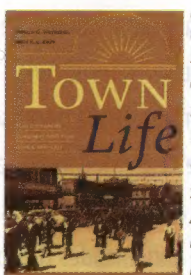
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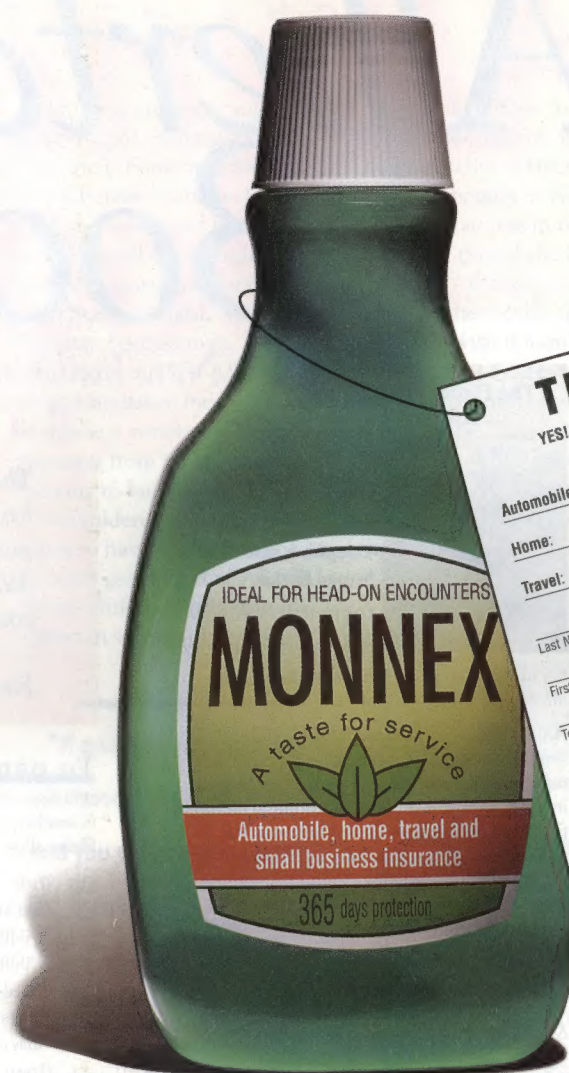
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